30" Wide LCD-TV Color Monitor

LMT2 300WN5

Service
Service
Service

EPA POLLUTION PREVENTER

300WN5QS/97

Service Manual

Horizontal frequencies
31 - 49 kHz

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SAFETY NOTICE

ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING.

REFER TO BACK COVER FOR IMPORTANT SAFETY GUIDELINES

Published by BCU Monitor Printed in Taiwan

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Important Safety Notice

Proper service and repair is important to the safe, reliable operation of all Philips Company** Equipment. The service procedures recommended by Philips and described in this service manual are effective methods of performing service operations. Some of these service operations require the use of tools specially designed for the purpose. The special tools should be used when and as recommended.

It is important to note that this manual contains various CAUTIONS and NOTICES which should be carefully read in order to minimize the risk of personal injury to service personnel. The possibility exists that improper service methods may damage the equipment. It is also important to understand that these CAUTIONS and NOTICES ARE NOT EXHAUSTIVE. Philips could not possibly know, evaluate and advise the service trade of all conceivable ways in which service might be done or of the possible hazardous consequences of each way. Consequently, Philips has not undertaken any such broad evaluation. Accordingly, a servicer who uses a service procedure or tool which is not recommended by Philips must first satisfy himself thoroughly that neither his safety nor the safe operation of the equipment will be jeopardized by the service method selected.

* * Hereafter throughout this manual, Philipsl Company will be referred to as Philips.

WARNING

Critical components having special safety characteristics are identified with a ⚠ by the Ref. No. in the parts list and enclosed within a broken line*
(where several critical components are grouped in one area) along with the safety symbol ⚠ on the schematics or exploded views.

Use of substitute replacement parts which do not have the same specified safety characteristics may create shock, fire, or other hazards.

Under no circumstances should the original design be modified or altered without written permission from Philips. Philips assumes no liability, express or implied, arising out of any unauthorized modification of design.
Servicer assumes all liability.

** Broken Line*

FOR PRODUCTS CONTAINING LASER :

DANGER- Invisible laser radiation when open.
AVOID DIRECT EXPOSURE TO BEAM.

CAUTION- Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION- The use of optical instruments with this product will increase eye hazard.

TO ENSURE THE CONTINUED RELIABILITY OF THIS PRODUCT, USE ONLY ORIGINAL MANUFACTURER'S REPLACEMENT PARTS, WHICH ARE LISTED WITH THEIR PART NUMBERS IN THE PARTS LIST SECTION OF THIS SERVICE MANUAL.

Take care during handling the LCD module with backlight unit

- Must mount the module using mounting holes arranged in four corners.
- Do not press on the panel, edge of the frame strongly or electric shock as this will result in damage to the screen.
- Do not scratch or press on the panel with any sharp objects, such as pencil or pen as this may result in damage to the panel.
- Protect the module from the ESD as it may damage the electronic circuit (C-MOS).
- Make certain that treatment person□s body are grounded through wrist band.
- Do not leave the module in high temperature and in areas of high humidity for a long time.
- Avoid contact with water as it may a short circuit within the module.
- If the surface of panel become dirty, please wipe it off with a soft material. (Cleaning with a dirty or rough cloth may damage the panel.)

Technical Data

Technical Specifications*

LCD PANEL

Type : TFT LCD
Screen size : 29.5 inch
Pixel Pitch : 0.5025 x 0.1675 mm x RGB
LCD Panel type : 1280 x 768 pixels
R.G.B. vertical stripe
Hard coating surface, anti-glare polarizer
Effective viewing area : (H) 643.2 x (V) 385.92mm
Display Colors : 8 bits interface (16.7M colors)

PC SCANNING

Vertical refresh rate : 58Hz-60Hz
Horizontal frequency : 31kHz-49kHz

PC VIDEO

Video dot rate : < 80 MHz
Input impedance
- Video : 75 ohm
- Sync : 2.2K ohm
Input signal levels : 0.7 Vpp
Sync input signal : Separate sync
Sync polarities : Positive and negative
Input Frequency : WXGA Hsync 48 kHz, Vsync 60 Hz (N.I.)
SVGA Hsync 38 kHz, Vsync 60 Hz (N.I.)
VGA Hsync 31 kHz, Vsync 60 Hz (N.I.)
Video interface : D-sub, S-Video, TV-RF, SCART (Europe) or composite and components video (others)

AUDIO

Input level for PC/SVHS/SCART : 500 mV nominal
Loudspeaker : 5W Stereo Audio (2.5W/channel RMS x2, 200Hz~10kHz, 4 ohm, 10% THD)

OPTICAL CHARACTERISTICS

Contrast ratio : 500:1 (typ.)
Brightness : 500 cd/m2 (typ.)
Peak contrast angle : 6 o'clock
White Chromaticity : x: 0.283 y: 0.297 (at 9300K)
x: 0.313 y: 0.329 (at 6500K)
x: 0.328 y: 0.344 (at 5700K)
Viewing Angle (C/R >5) : Upper >88 degree(typ.)
Lower >88 degree (typ.)
Left >88 degree (typ.)
Right >88 degree (typ.)
Response time <=16ms (typ.)

sRGB

sRGB is a standard for ensuring correct exchange of colors between different devices (e.g. Digital cameras, monitors, printers, scanners, etc.) Using a standard unified color space, sRGB will help represent pictures taken by an sRGB compatible device correctly on your sRGB enabled Philips monitors. In that way, the colors are calibrated and you can rely on the correctness of the colors shown on your screen. Important with the use of sRGB is that the brightness and contrast of your monitor is fixed to a predefined setting as well as the color gamut. Therefore it is important to select the sRGB setting in the monitor's OSD.
To do so, at PC mode, open the OSD by pressing the MENU button of your monitor. Use the down button to go to COLOR SETTINGS and press MENU again. Then move the down button to go to NORMAL COLOR and press MENU again. For more information on sRGB, please visit: www.srgb.com

** This data is subject to change without notice.*

Resolution & Preset Modes

Recommended : 1280 x 768 at 60Hz

10 factory preset modes:

Resolution	Mode	H. freq (kHz)	V. freq (Hz)
PC			
640*480	VGA VESA 60	31.469	59.940
800*600	SVGA VESA 60	37.879	60.317
1024*768	XGA VESA 60	48.363	60.004
1280*768	GTF 60	47.700	60.000
Video			
EDTV	480P	31.470	60.000
SDTV	480i	15.734	59.940
EDTV	576P	31.250	50.000
SDTV	576i	15.625	50.000
HDTV	1080i	33.750	60.000
HDTV	720P	45.000	60.000

Automatic Power Saving

If you have VESA DPMS compliance display card or software installed in your PC, the monitor can automatically reduce its power consumption when not in use. If an input from a keyboard, mouse or other input device is detected, the monitor will then 'wake up' automatically. The following table shows the power consumption and signaling of this automatic power saving feature:

Power Management Definition					
VESA Mode	Video	H-sync	V-sync	Power Used	LED color
ON	Active	Pulse	Pulse	130W (typ.)	Blue
OFF	Blanked	No	No	< 5W	Amber
AC OFF	Blanked	No	No	< 2W	Off

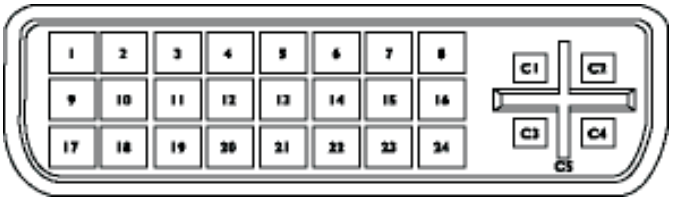
Physical Specifications

Dimension (WxHxD) : 867.7mm x 505mm x 183mm (incl. Pedestal, Speakers)
726.7mm x 469.3mm x 115mm (w/o Pedestal, Speakers)
Weight:16.0 kg (incl. Pedestal, Speakers)
14.0 kg (w/o Pedestal, Speakers)
15.0 kg (w/o Pedestal, Speakers; with protective cover)
Power supply : 90 +/- 264 VAC, 50/60 Hz
Power consumption
-PC Mode: 130 W (typ.)
-TV Mode: 150 W (typ.)
Temperature (operating) : 0 C to 35 C
Relative humidity : 20% to 80%

Technical Data

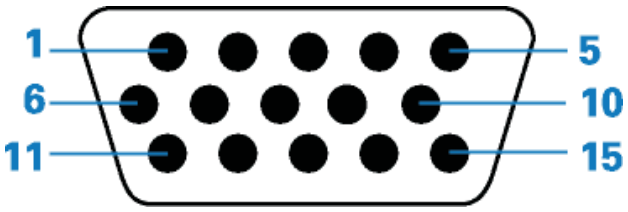
Pin Assignment
1. The digital only connector contains 24 signal contacts organized in three rows of eight contacts. Signal pin assignments are listed in the following table:

Pin No.	Signal Assignment	Pin No.	Signal Assignment	Pin No.	Signal Assignment
1	T.M.D.S. Data2-	9	T.M.D.S. Data1-	17	T.M.D.S. Data0-
2	T.M.D.S. Data2+	10	T.M.D.S. Data1+	18	T.M.D.S. Data0+
3	T.M.D.S. Data2/4 Shield	11	T.M.D.S. Data1/3 Shield	19	T.M.D.S. Data0/5 Shield
4	No connect	12	No connect	20	No connect
5	No connect	13	No connect	21	No connect
6	DDC Clock	14	+5V Power	22	T.M.D.S. Clock Shield
7	DDC Data	15	Hot Plug Detect	23	T.M.D.S. Clock+
8	No connect	16	Ground (for +5V)	24	T.M.D.S. Clock-

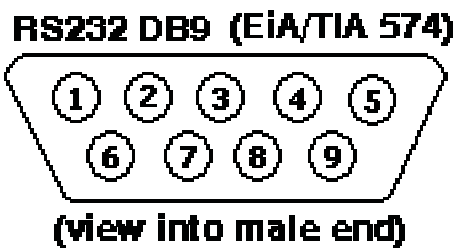


2. The 15-pin D-sub connector (male) of the signal cable:

Pin No.	Assignment	Pin No.	Assignment
1	Red video input	9	DDC +5V
2	Green video input	10	Cable detect
3	Blue video input	11	Identical output, connected to pin 10
4	Ground	12	Serial data line (SDA)
5	NC	13	H. Sync / H+V
6	Red video ground	14	V. Sync
7	Green video ground	15	Data clock line (SCL)
8	Blue video ground		

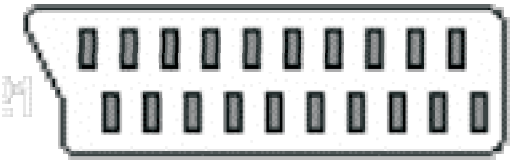


3. RS232 Connector
D-sub 9-pin male connector for communication with plasma engine or PC.



Pin No.	RS-232 (EIA-232-A) Function
3	Transmit Data (TD) from DTE to DCE
2	Receive Data (RD) from DCE to DTE
7	Request to Send (RTS)
8	Clear to Send (CTS)
6	DCE Ready (DSR)
5	Signal Ground (SG)
1	Received Line Signal Detector (DCD)
4	DTE Ready (DTR)
9	Ring Indicator

4. SCART Connector

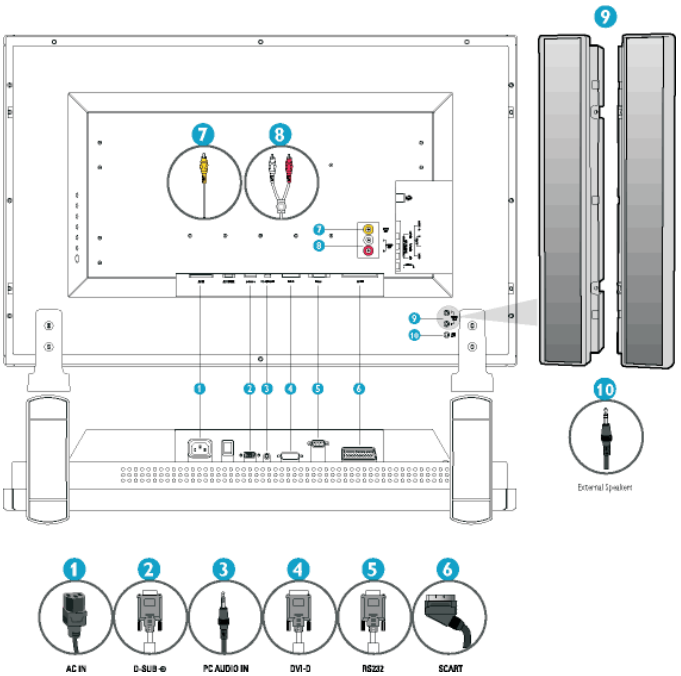


Pin No.	Signal	Pin No.
1	Audio right channel output (0.5 Vrms, < 1K ohms)	2
2	Audio right channel input (0.5 Vrms, > 10K ohms)	1
3	Audio left channel output (0.5 Vrms, < 1K ohms)	6
4	Audio ground	4
5	Blue signal ground	5
6	Audio left channel input (0.5 Vrms, > 10K ohms)	3
7	Blue signal I/O (0.7 Vp-p, 75 ohms)	7
8	Function switching I/O (L: < 2V, H: > 10V, 10K ohms)	8
9	Green signal ground	9
10	Intercommunication data line No. 1	10
11	Green signal I/O (0.7 Vp-p, 75 ohms)	11
12	Intercommunication data line No. 2	12
13	Red signal ground	13
14	Blanking signal ground	14
15	Red signal I/O (0.7 Vp-p, 75 ohms)	15
16	Blanking signal I/O (L: < 0.4V, H: >1.0V, 75 ohms)	16
17	Composite video signal ground	18
18	Blanking signal ground	17
19	Composite video signal output (1 Vp-p, 75 ohms, sync: negative)	20
20	Composite video signal input (1 Vp-p, 75 ohms, sync: negative)	19
21	Plug shield (common ground)	21

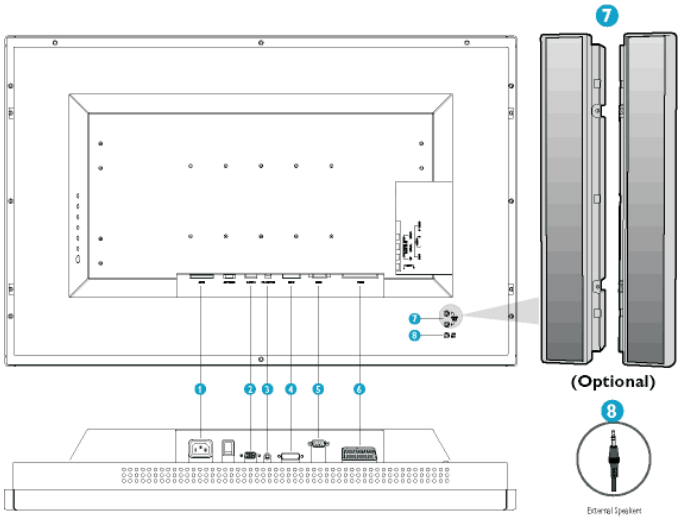
Connecting The Monitor

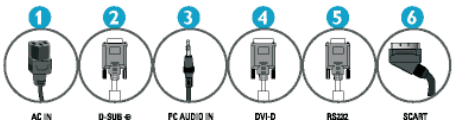
Connecting the monitor/TV
Connect the cables to the rear of your monitor/TV according to the numbers:

TV model

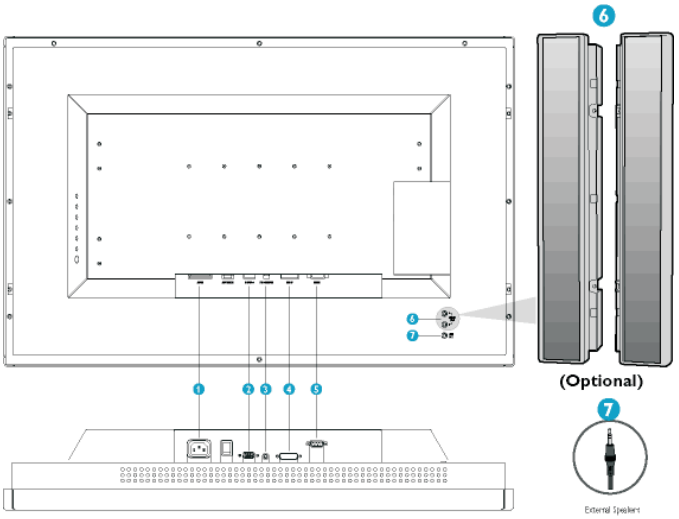


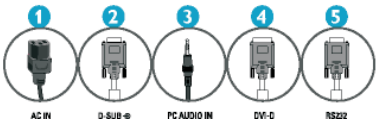
Audio/Video model



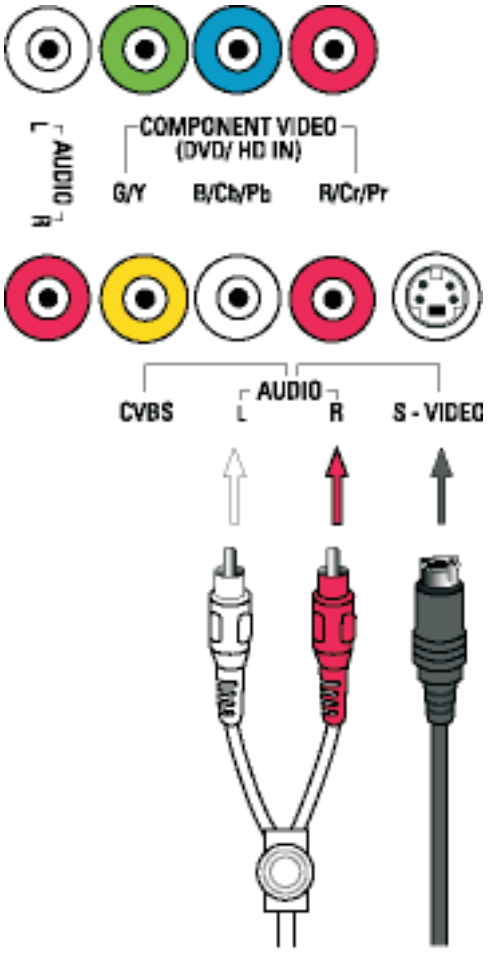


Monitor model



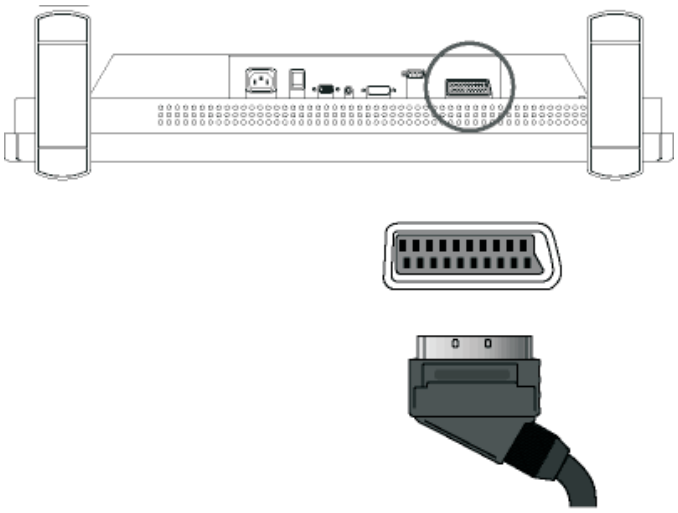


Connect to DVD/VCR/VCD through S-VIDEO

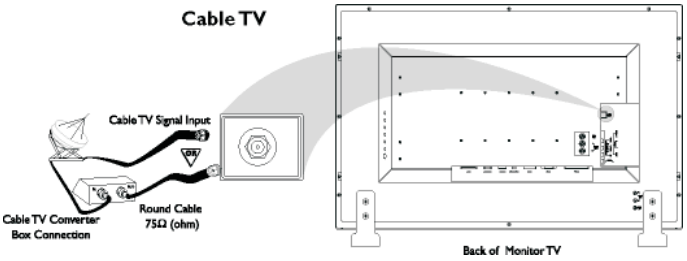


Connecting The Monitor

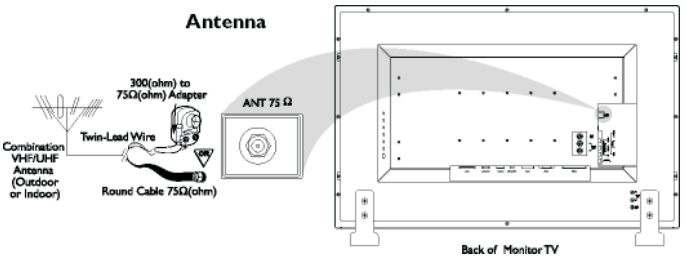
Connect to DVD/VCR /VCD through SCART (for Europe only)

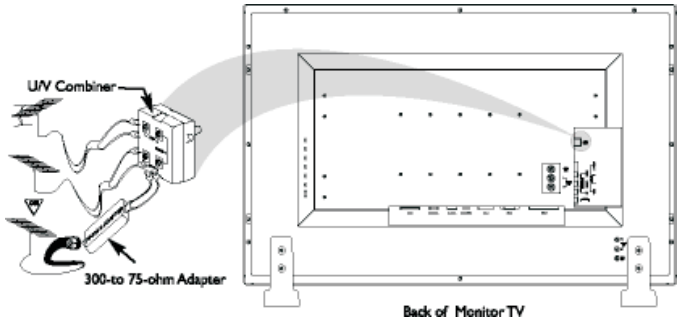


Connecting to Cable TV

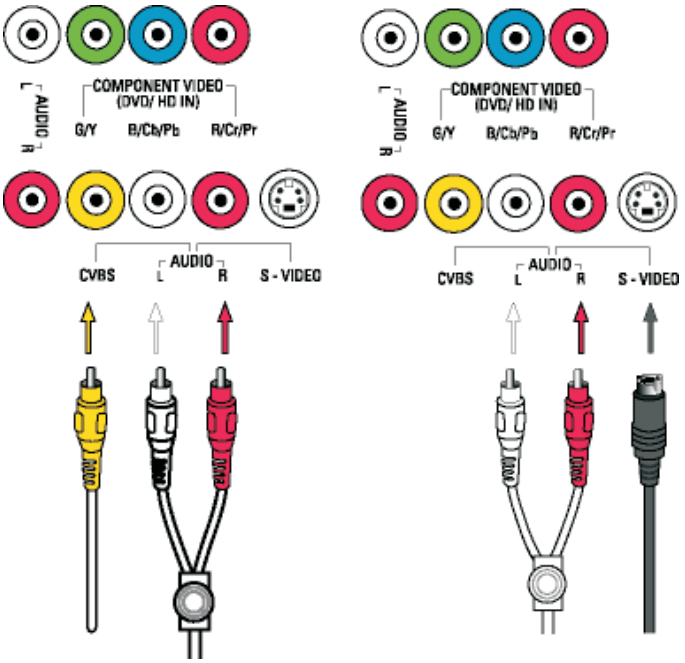


Antenna

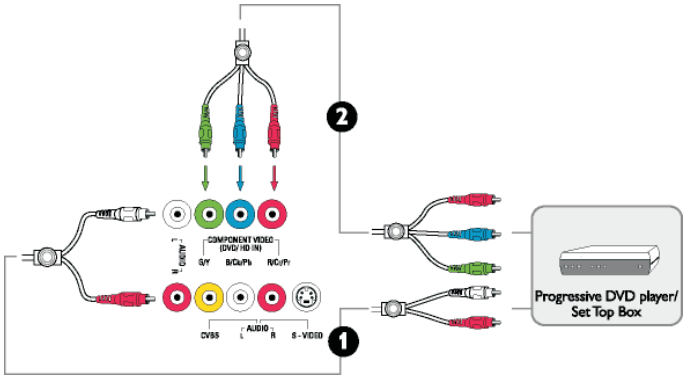




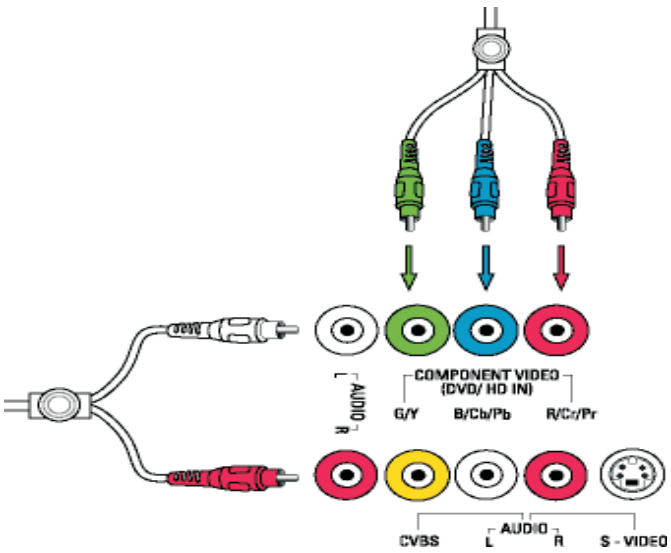
Connect to DVD/VCR /VCD through composite video (CVBS)



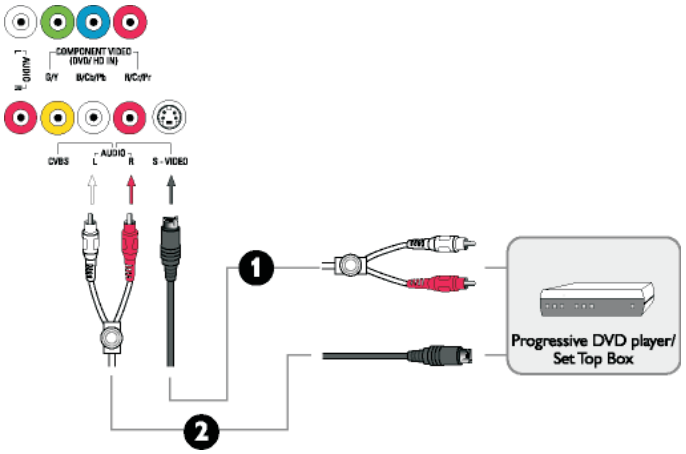
Progressive video and HDTV connections for digital high-definition picture

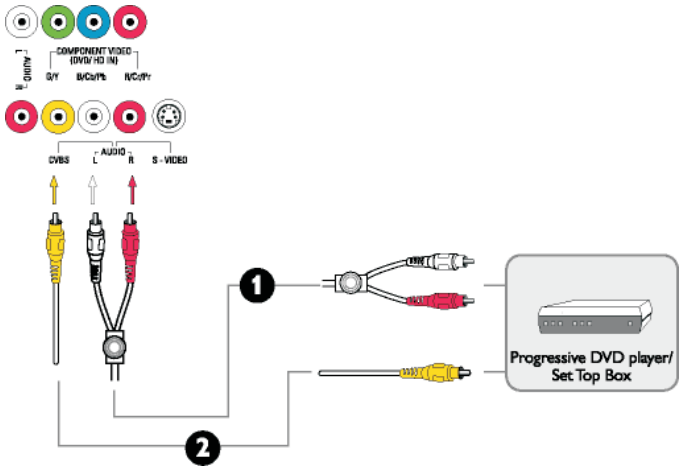


Connect to DVD/VCR /VCD through component video (YPbPr)

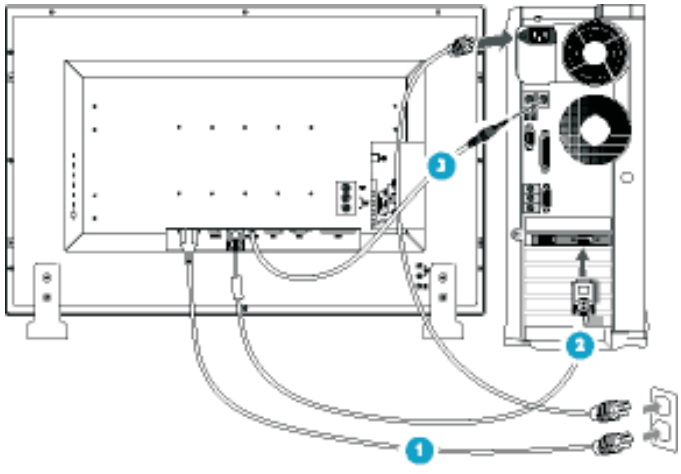


Connecting The Monitor



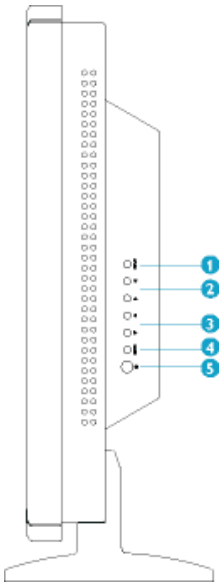


Connect to PC



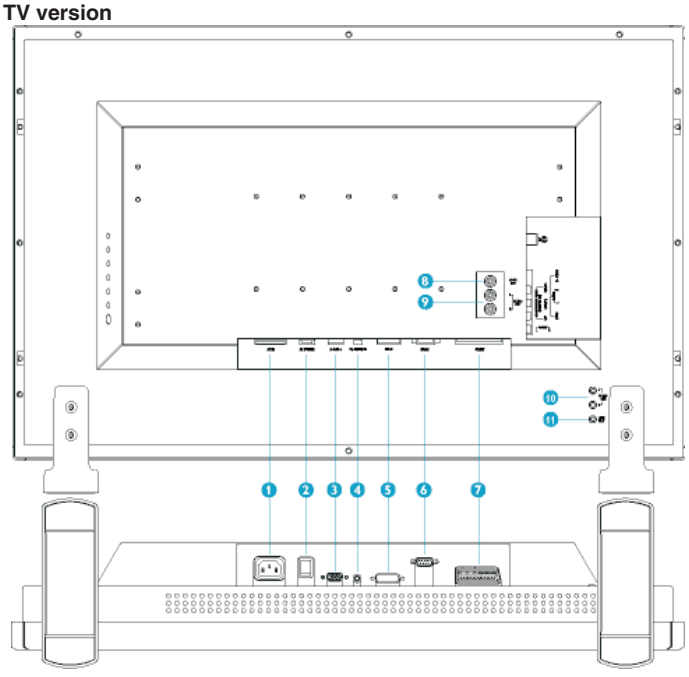
Control and Inputs

Side View (Left)



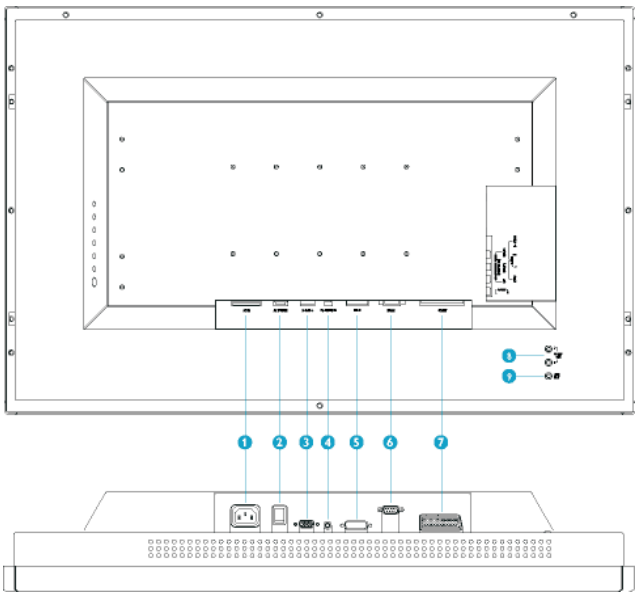
1 *INPUT* Selecting input source
2 ▼▲ Increase or decrease the channel number or moving up or down to highlight the function in OSD
3 ◀▶ Increase or decrease the level of audio volume or moving left or right to highlight the sub-menu in the selected function ofOSD
4 *MENU* Open the OSD or confirm the selected function
5 ⏻ DC power switch On/Off

Rear View
TV version



1. AC IN : AC power in
2. AC Power : AC power switch
3. D-Sub: PC analog D-Sub input
4. PC - Audio : PC Stereo input
5. DVI-D : PC digital DVI-D input
6. Rs232 : RS232 network connection
7. External/EURO-AV : SCART connection (for Europe only)
8. Composite Video Output : Composite video CVBS ouput
9. Audio (L) Output : Audio (L) output
   Audio (R) Output : Audio (R) output
10. Audio (L) Output : Audio (L) output for the detachable speaker (L)
    Audio (R) Output : Audio (R) output for the detachable speaker (R)
11. Line out : Audio output for external speakers

Audio/Video version



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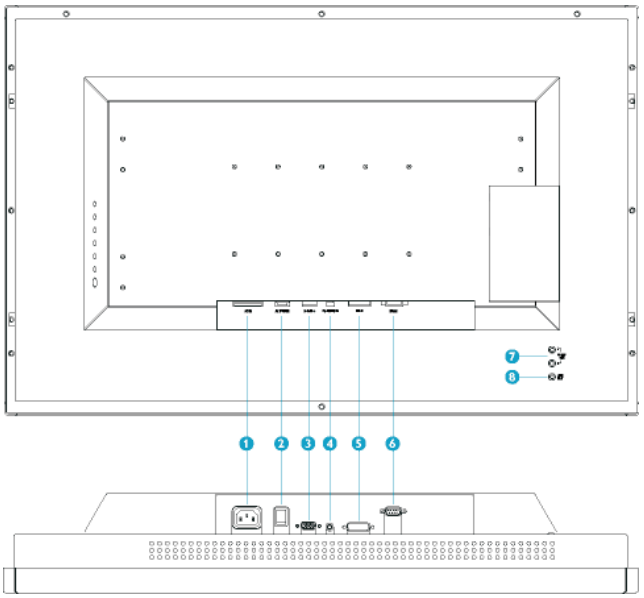
8. Audio (L) Output : Audio (L) output for the detachable speaker (L)
   Audio (R) Output : Audio (R) output for the detachable speaker (R)
9. Line out : Audio output for external speakers

Monitor version



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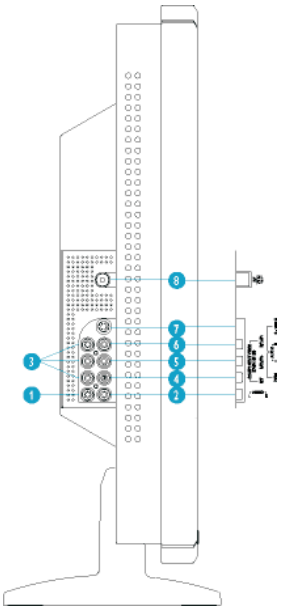
8. Line out : Audio output for external speakers

Control and Inputs

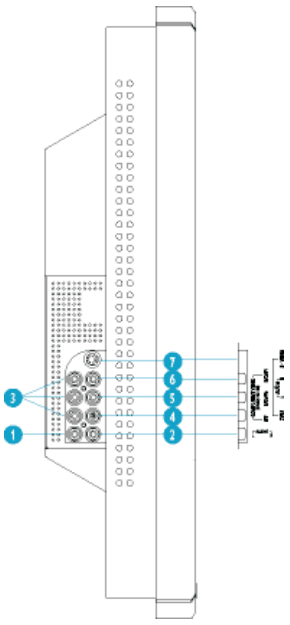
Side View (Right)

TV version



1. Audio (L) : Audio (L) for component video
2. Audio (R) : Audio (R) for component video
3. Component Video : Component video Y/Pb/Pr input
4. Composite Video : Composite video CVBS input
5. Audio (L) : Audio (L) for CVBS and S-Video
6. Audio (R) : Audio (R) for CVBS and S-Video
7. S-Video : S-Video input
8. RF 75Ohm : TV Antenna or CATV cable in

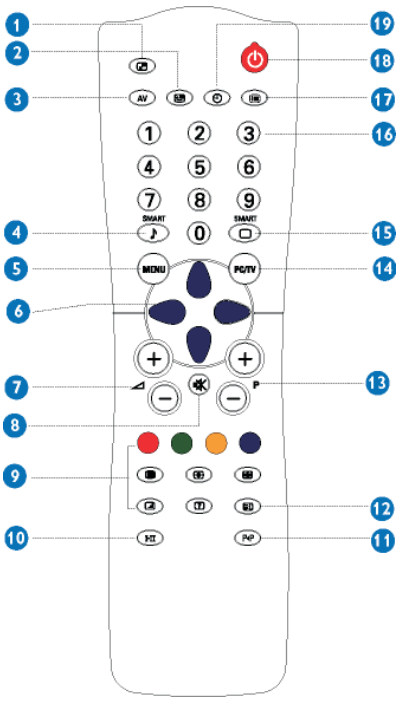
Audio/Video version



1. Audio (L) : Audio (L) for component video
2. Audio (R) : Audio (R) for component video
3. Component Video : Component video Y/Pb/Pr input
4. Composite Video : Composite video CVBS input
5. Audio (L) : Audio (L) for CVBS and S-Video
6. Audio (R) : Audio (R) for CVBS and S-Video
7. S-Video : S-Video input

Remote Control

For Europe and most of Asia Pacific countries

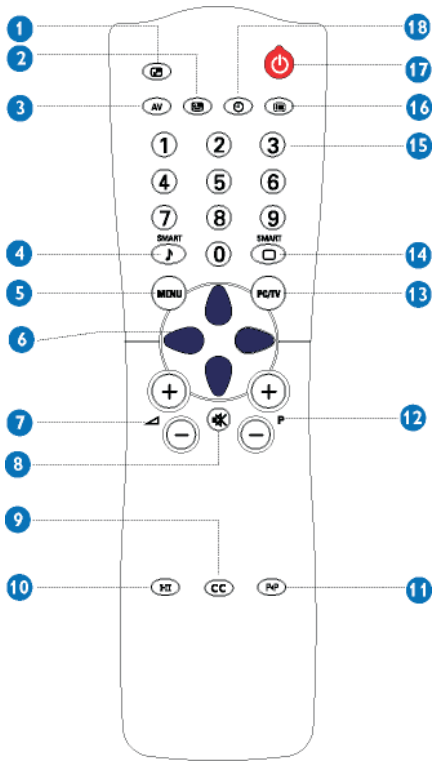


1	PIP On/Off, Size	To activate or close the 'Picture in Picture' function in PC mode and to enlarge or reduce the PIP window size using the same button.
2	PIP Shift	To change 'Picture in Picture' window position in PC mode
3	AV source	• To select TV/Video sources in PIP mode and TV mode • If using TV 'STANDBY', press this button to return to 'ON'
4	Smart sound controls	To access a series of settings: VOICE, MUSIC, THEATRE and PERSONAL
5	Menu	To turn on or off the OSD (On-Screen Display). To select function in OSD.
6	Cursor	To move the cursor up /down/right/left to scroll through a list of options • Cursor right To access the sub-menus and adjust the settings with cursor left • Cursor down To select the next item on the menu, and return to the last item with cursor up
7	Volume	To adjust the sound level
8	Mute	To disable sound. To restore sound, press button again.

Control and Inputs

9	Teletext features	Works only in areas where the Teletext service is available
10	Sound mode	• To switch from STEREO to MONO or to choose between Dual I and Dual II for bilingual transmissions. For TV sets fitted with NICAM reception, depending on the transmission, you can switch from NICAM STEREO to MONO or choose between NICAM DUAL I, NICAM DUAL II and MONO. • If using Teletext, press this button to display dual pages on screen.
11	Previous programme	To access the last programme viewed.
12	Screen information	To display the programme number, the video mode and the sound mode.
13	Selecting TV programmes	To move up or down a programme. The number and the sound mode are displayed for a few seconds.
14	PC/TV mode selection	To select PC or TV mode.
15	Smart picture controls	To select your desired picture setting from 5 settings: MOVIES, SPORTS, WEAK SIGNAL, MULTIMEDIA and PERSONAL.
16	Numerical keys	• For direct access to programmes For a 2-digit programme number, the 2nd digit must be entered before the dash disappears. • If using TV 'STANDBY', press any of number keys to return to 'ON'
17	OSD	To show OSD status.
18	Standby	To set the TV temporarily to standby mode. To switch on the TV set, press Programme button (p -, +), any digit between 0 and 9 or AV source button (The amber light indicates when set is in standby mode)
19	Sleep timer	To select the period of time after which the set will switch automatically to standby mode (up to 180 minutes)

For Americas, Korea, Taiwan and Philippines

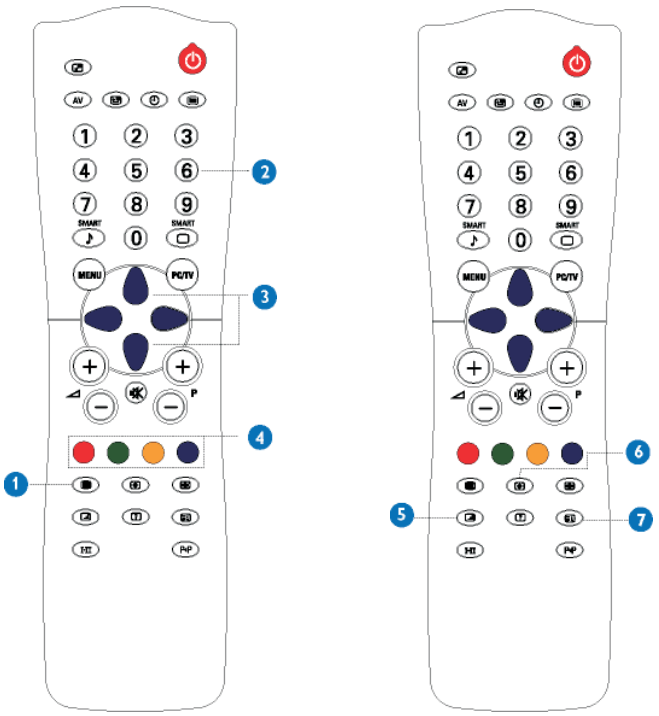


1	PIP On/Off, Size	To activate or close 'Picture in Picture' function in PC mode and to enlarge or reduce the PIP window size using the same button.
2	PIP Shift	To change 'Picture in Picture' window position in PC mode.
3	AV source	To select TV/Video sources in PIP mode and TV mode.
4	Smart sound controls	To access a series of settings: VOICE, MUSIC, THEATRE and PERSONAL.
5	Menu	To turn on or off the OSD (On-Screen Display). To select function in OSD.
6	Cursor	To move the cursor up /down/right/left to scroll through a list of options • Cursor right To access the sub-menus and adjust the settings with cursor left • Cursor down To select the next item on the menu, and return to last item with cursor up
7	Volume	To adjust the sound level
8	Mute	To disable sound. To restore sound, press button again.
9	Closed Caption	To disable or enable closed caption function

Control and Inputs

10	Sound mode	To choose MONO, STEREO and SAP (2nd audio programme) Sound system
11	Previous programme	To access the last channel viewed
12	Selecting TV programmes	To move up or down a programme. The number, (the name) and the sound mode are displayed for a few seconds.
13	PC/TV mode selection	To select PC or TV mode.
14	Smart picture controls	To select your desired picture setting from 5 settings: MOVIES, SPORTS, WEAK SIGNAL, MULTIMEDIA and PERSONAL.
15	Numerical keys	For direct access to channel. For a 2 digit channel number, the 2nd digit must be entered before the dash disappears.
16	OSD	To show OSD status
17	Standby	To set the TV temporarily to STANDBY mode. Press the button again to return to ON. (The amber light indicatess when set is in standby mode)
18	Sleep timer	To select the period of time after which the set will automatically switch to standby mode (up to 180 minutes)

Using the Teletext (for areas where teletext service is available)
Teletext is an information system broadcast by certain TV channels. It can be consulted in the same way as a newspaper. It also provides subtitles for the hard of hearing or people who are unfamiliar with the broadcast language (cable TV network, satellite channels, etc.).

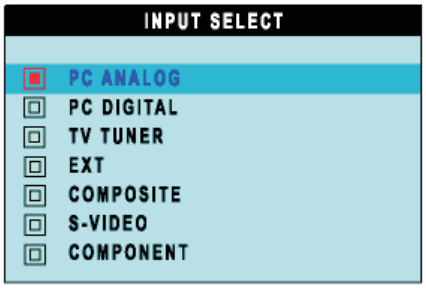
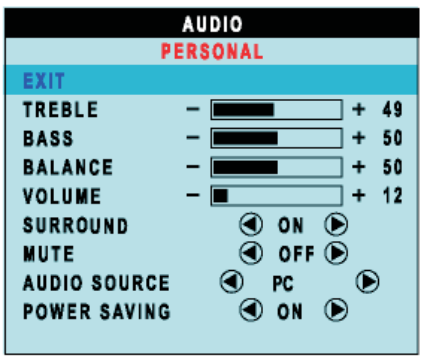


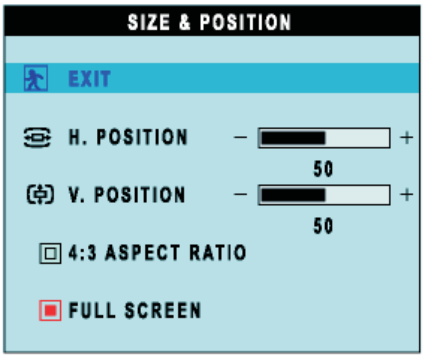
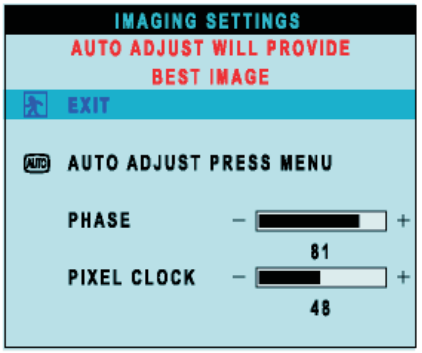
	Press button	Result on Screen
1	On/Off Teletext	Display or exit Teletext. The main index page presents a list of subjects to which you have access. Each subject has a corresponding page number (always 3 digits). Note: If selected TV channel does not broadcast Teletext, P100 is displayed and the screen remains black. Exit Teletext mode and choose another TV channel.
2	Selecting a Teletext page	Key in the required Teletext page (3 digits). The page number is displayed in the top left-hand corner of the screen. When the Teletext page is located, the counter stops searching. If the counter keeps searching, it means that the page is not available for selection. If you make a mistake when keying in the page number, you have to finish keying in the 3-digit number before re-keying the correct page number.
3	Accessing a Teletext page	Press the CURSOR UP button to display the previous page and the CURSOR DOWN button to display the next page.
4	Direct Access to an item or corresponding pages	The 4-colour buttons allow you to access directly an item or corresponding pages.

	Press button	Result on Screen
5	Mix	Allows you to superimpose the Teletext page over the TV programme. Press the button a second time to return to Teletext page only.
6	Enlarge	Press the button once to enlarge and view the top half of the page. Press the button a second time to enlarge and view the bottom half of the page. Press the button a third time to return to normal size page.
7	Main Index	Press the button to return to the main index (generally on page 100).

OSD User Mode

PC Mode

Icon	Menu Name and Sub - menus	Description
	EXIT	This is used to exit out of the Main menu..
	INPUT SELECT	Select video source for main display: • PC ANALOG: PC VGA input • PC DIGITAL: PC DIGITAL input • TV TUNER: Antenna or cable TV input • EXT: Scart input • COMPOSITE: Composite video input • S-VIDEO: S-video input • COMPONENT: Component video input 
	AUDIO	Select your preferred function. EXIT: Exit this menu TREBLE: Adjustable from 0 to 100 BASS: Adjustable from 0 to 100 BALANCE: Adjustable from 0 to 100 VOLUME: Adjustable from 0 to 100 SURROUND: ON/OFF MUTE: ON/OFF AUDIO SOURCE: Only in PC TV/VIDEO mode POWER SAVING: ON/OFF 

	SIZE & POSITION	Positioning moves the viewing area around on the monitor screen. EXIT: Exit this menu H.POSITION /V.POSITION: When making changes to either the 'Horizontal' or 'Vertical' settings, the image will simply be shifted in response to your selection/change. Minimum is '0' ( ). Maximum is '100' ( ). 4:3 ASPECT RATIO : Select 4:3 image display FULL SCREEN: Select full screen (16:9) image display  NOTE: 1. When operating in DVI mode, the positioning adjustments are not available. 2. The 4:3 Aspect Ratio and Full Screen items are not available in WXGA 1280x768 modes.
	IMAGING SETTINGS	To adjust the image settings. EXIT: Exit this menu AUTO ADJUST :Press to select automatic adjustment . PHASE :Use the and buttons to adjust from 0 to 100. PIXEL CLOCK :Use the and buttons to adjust from 0 to 100.  Note: Operating in DVI mode, the Pixel Clock and Phase adjustments are not available.

OSD User Mode

COLOR SETTINGS

Color Settings adjusts the color temperature.

EXIT: Exit this menu

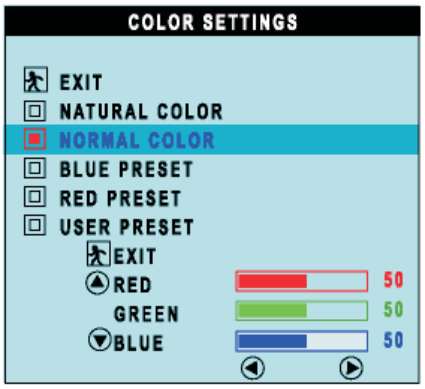
NATURE COLOR: Equivalent to original panel color.

NORMAL COLOR: 6500K (Same as sRGB) default from FACTORY

BLUE PRESET: Equivalent to 9300K

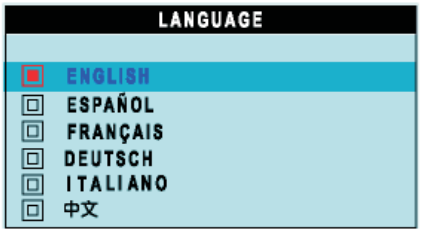
RED PRESET: Equivalent to 5700K

USER PRESET: Adjust red, green, blue three colors from 0 to 100.



LANGUAGE

Language setsthe OSD to display in one of the five or six languages provided. That is, English, Spanish, French, German, Italian (not available in NAFTA model) and Simplified Chinese (China models only).



FACTORY RESET

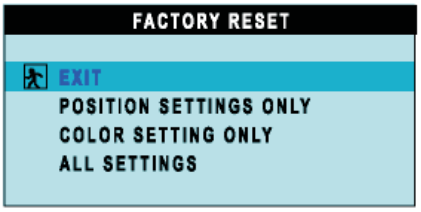
Reset the settings to the factory default values.

EXIT: Exit this menu

POSITION SETTINGS ONLY:Resume position setting to factory default.

COLOR SETTINGS ONLY: Resume color setting to factory default.

All SETTINGS: Load all factory default settings.



OSD SETTINGS

Each time the OSD opens, it displays in the same location on the screen. 'OSD Settings' (horizontal/vertical) provides control over this location.

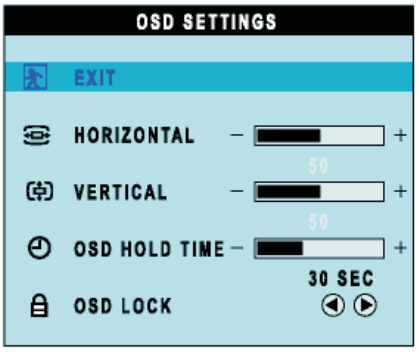
EXIT: Exit this menu

HORIZONTAL: Adjustable from 0 to 100.

VERTICAL: Adjustable from 0 to 100.

OSD HOLD TIME: The OSD stays active for as long as it is in use. The range of time setting is from 5 to 60 seconds.

OSD LOCK: Controls user access to adjustments. Shows key icon after selecting lock.



Note: When the OSD is locked, press ing the menu button again and it will take user to OSD LOCK menu. Press (+) to unlock and allow user access to all applicable settings.

PICTURE IN PICTURE

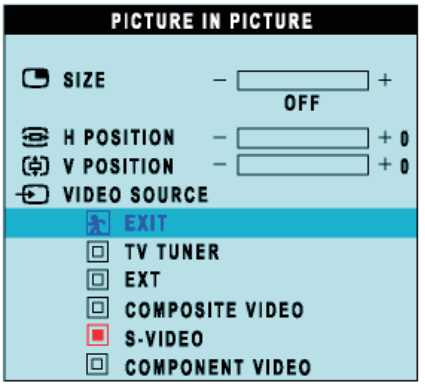
Adjust picture in picture preferences.

SIZE: Turn off and set the size of PIP. Users can chose your preferred size.

- OFF
- SMALL
- MEDIUM
- LARGE

H POSITION: Adjust theHorizontal position of PIP.
V POSITION: Adjust the Vertical position of PIP.
VIDEO SOURCE: Select video source of PIP:

- EXIT
- TV TUNER
- EXT
- COMPOSITE VIDEO
- S-VIDEO
- COMPONENT VIDEO

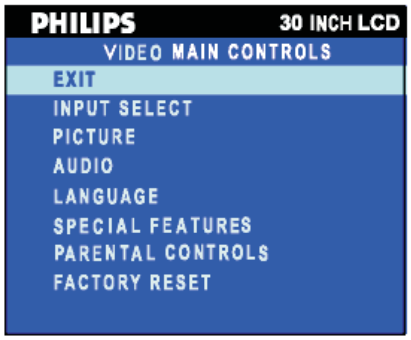


OSD User Mode

Audio/Video Mode

EXIT

Exit from this menu.

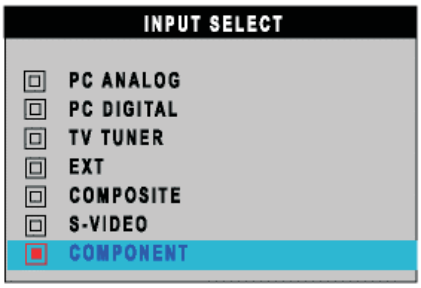


INPUT SELECT

Use up and down arrow button to highlight the "INPUT SELECT".

Select video source for main display:

- PC ANALOG: PC VGA input
- PC DIGITAL: PC DIGITAL input
- TV TUNER: Antenna or cable TV input
- EXT: Scart input
- COMPOSITE: Composite video input
- S-VIDEO: S-video input
- COMPONENT: Component video input

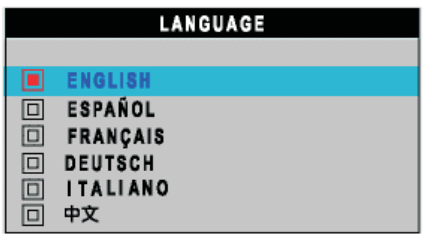


LANGUAGE

Set language for OSD.

There are 6 languages of OSD display.

- ENGLISH
- ESPAÑOL
- FRANÇAIS
- DEUTSCH
- ITALIANO
- 中文



NOTE: In AP/China models, Simplified Chinese is supported.

PICTURE

Adjust picture characteristics to suit personal preference.

EXIT: Exit from this menu

BRIGHTNESS: Adjustable from 0 to 100

CONTRAST: Adjustable from 0 to 100

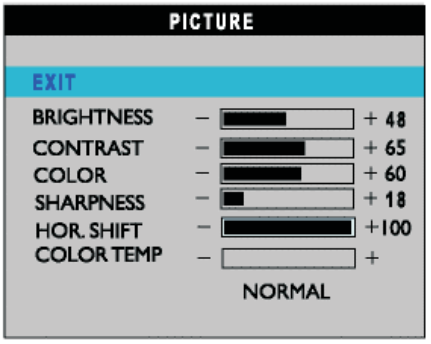
COLOR: Adjustable from 0 to 100

SHARPNESS: Adjustable from 0 to 100

TINT: Not available in component input in all models.
Adjustable from 0 to 100

HORIZONTAL SHIFT: Adjustable from 0 to 100

COLOR TEMP: Select from Normal, Cool or Warm by "-" and "+" buttons.



NOTE:

1. "TINT" is not available in component input in all models.
2. "TINT" is available in NAFTA model only.
3. "HOR SHIFT" only function in component input.

AUDIO

Adjust audio characteristics to suit personal preference.

EXIT: Exit from this menu.

TREBLE: Adjustable from 0 to 100

BASS: Adjustable from 0 to 100

BALANCE: Adjustable from 0 to 100

VOLUME: Adjustable from 0 to 100

SURROUND: Switch Surround Sound On/ Off

MUTE: Switch Mute On/ Off

OSD User Mode

SPECIAL FEATURES

Activate special control features:

EXIT: Exit from this menu.

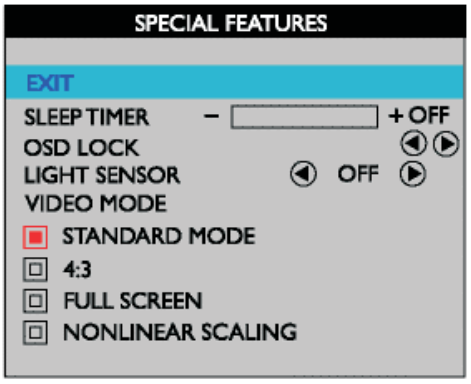
SLEEP TIMER: Slide bar to select off/15/30/60/90/120/150/180.

OSD LOCK: Show key icon after selecting lock.

LIGHT SENSOR: Push the ◀▶ buttons to toggle Light Sensor function.

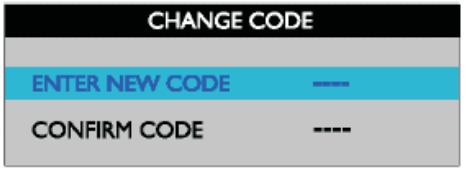
VIDEO MODE: Set the screen scaling mode to suit personal preference:

- STANDARD MODE
- 4:3
- FULL SCREEN
- NONLINEAR SCALING



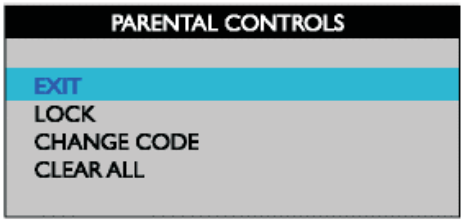
PARENTAL CONTROLS

1) When users first enter the PARENTAL CONTROLS, the screen will show the window asking user key in the code.



2) Users will see the window "Access code" when they enter this function.

- EXIT
- LOCK
- CHANGE CODE
- CLEAR ALL



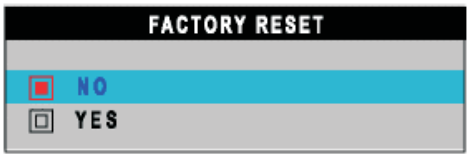
3) Enter Master code"0711" twice or the code entered in step 1.

FACTORY RESET

Reset the setting to default values.

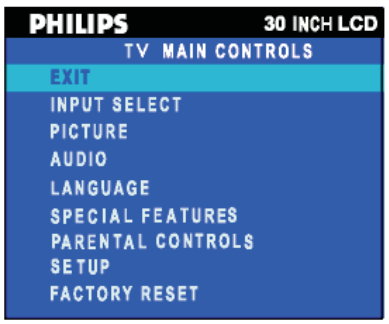
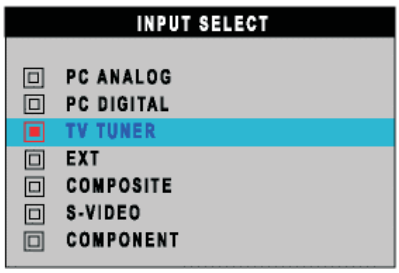
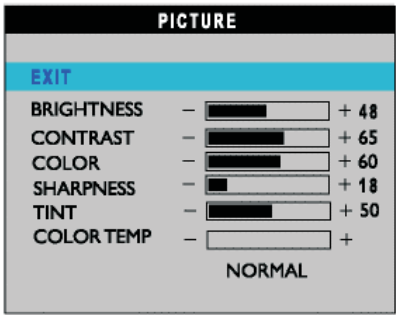
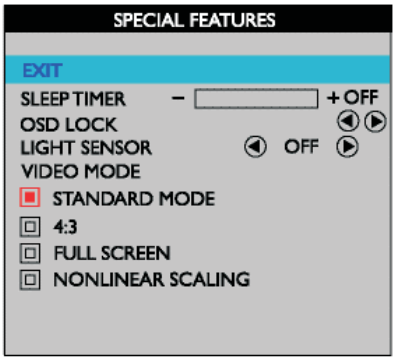
NO: Keep the setting as current.

YES: Load factory setting



OSD User Mode

TV Mode

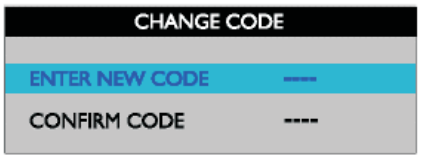
EXIT	Exit from this menu 
INPUT SELECT	Select video source for main display: • PC ANALOG: PC VGA input • PC DIGITAL: PC DIGITAL input • TV TUNER: Antenna or cable TV input • EXT: Scart input • COMPOSITE: Composite video input • S-VIDEO: S-video input • COMPONENT: Component video input 
PICTURE	Adjust picture characteristics to suit personal preference. EXIT: Exit from this menu BRIGHTNESS: Adjustable from 0 to 100 CONTRAST: Adjustable from 0 to 100 COLOR: Adjustable from 0 to 100 SHARPNESS: Adjustable from 0 to 100 TINT: Not available in component input. Adjustable from 0 to 100 COLOR TEMP: Select from Normal, Cool or Warm by "-" and "+" buttons.  NOTE: 1. "TINT" is not available in component input in all models. 2. "TINT" is available in NAFTA model only.
AUDIO	Adjust audio characteristics to suit personal preference. EXIT: Exit from this menu. TREBLE: Adjustable from 0 to 100 BASS: Adjustable from 0 to 100 BALANCE: Adjustable from 0 to 100 VOLUME: Adjustable from 0 to 100 SURROUND: Switch Surround Sound On/ Off MUTE: Switch Mute On/ Off
LANGUAGE	Set language for OSD. There are 6 languages of OSD display. • ENGLISH • ESPAÑOL • FRANCAIS • DEUTSCH • ITALIANO • 中文
SPECIAL FEATURES	Activate special control features: EXIT: Exit from this menu. SLEEP TIMER: Slide bar to select off/15/30/60/90/120/150/180. OSD LOCK: Show key icon after selecting lock. LIGHT SENSOR: Push the ◆ buttons to toggle Light Sensor function. VIDEO MODE: Set the screen scaling mode to suit personal preference: • STANDARD MODE • 4:3 • FULL SCREEN • NONLINEAR SCALING 

OSD User Mode

Go to cover page

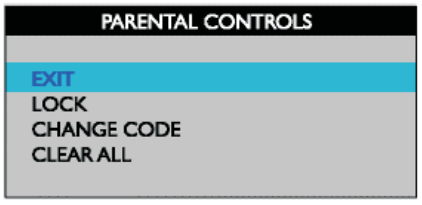
PARENTAL CONTROLS

1) When users first enter the PARENTAL CONTROL, the screen will show the window asking user key in the code.



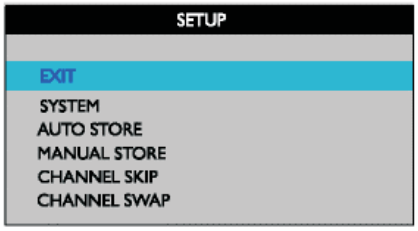
2) Users will see the window" Access code" when they enter this foundation.

- EXIT
- LOCK
- CHANGE CODE
- CLEAR ALL

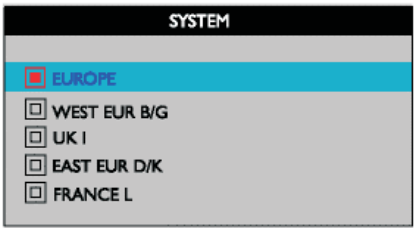


3) Enter Master code "0711" twice or the code entered in step 1.

SETUP

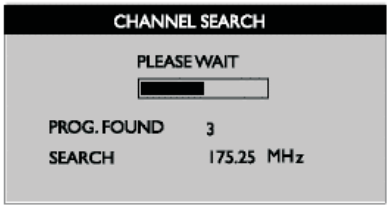


SYSTEM:



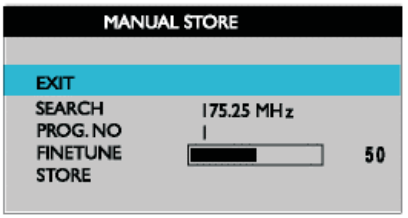
NOTE: The SYSTEM item is only available in Western Europe model.

CHANNEL SEARCH:



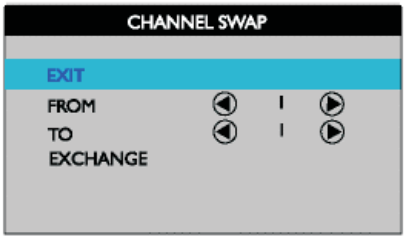
SETUP

MANUAL STORE:



CHANNEL SKIP:

CHANNEL SWAP:



FACTORY RESET

Reset the setting to default values.

NO: Keep the setting as current.

YES: Load factory setting

Warning Message

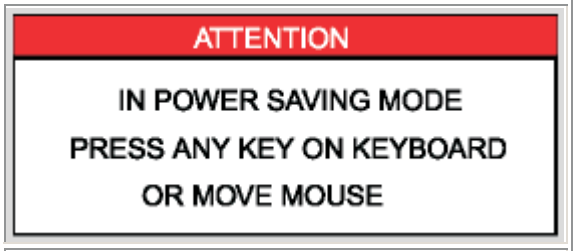
A warning message may appear on the screen indicating the LCD Monitor TV current status.

When user sees this warning message, it means that the LCD Monitor TV is in adjustment process.

A warning message may appear on the screen indicating that the LCD Monitor TV is out of sync range.

See Specifications for the Horizontal and Vertical frequency ranges addressable by this the LCD Monitor TV. Recommended mo de is 1280x 768 @ 60Hz.

This message means that there is no video input signal.

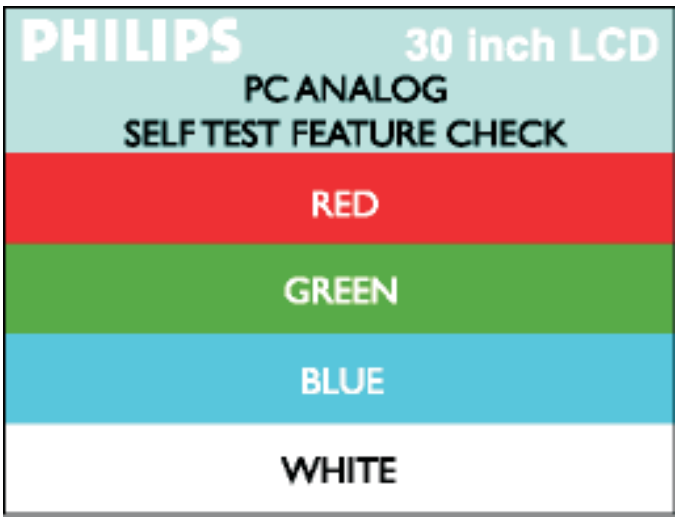


The LCD Monitor TV is in a power saving mode (in PC mode).

The main OSD menu is unlocked.

The main OSD menu is locked.

Self-Test Feature Check (STFC)
Your the LCD Monitor TV when used as a computer display through DVI and/or VGA connection provides a self-test feature that allows you to check whether your the LCD Monitor TV is functioning properly. If your the LCD Monitor TV and computer are properly connected but the LCD Monitor TV screen remains dark, run the LCD Monitor TV self-test by performing the following steps:
1. Turn off both your computer and the LCD Monitor TV.
2. Unplug the video cable from the back of the computer. To ensure proper Self-Test operation, remove both Digital(white connector) and the Analog(blue connector) cables from the back of computer.
3. Turn on the LCD Monitor TV.
The floating 'Philips - self-test Feature Check' dialog box should appear on-screen (against a black background) if the LCD Monitor TV cannot sense a video signal and is working correctly. While in self-test mode, the power LED remains green and the self-test pattern will scroll through the screen continually.



This box also appears during normal system operation if the video cable becomes disconnected or damaged.
4. Turn off your the LCD Monitor TV and reconnect the video cable; then turn on both your computer and the LCD Monitor TV. If your the LCD Monitor TV screen remains blank after you use the previous procedure, check your video controller and computer system; your LCD Monitor TV is functioning properly.

Troubleshooting

Common Problems
The following table contains general information about common LCD TV problems you might encounter.

COMMON SYMPTOMS	WHAT YOU EXPERIENCE	POSSIBLE SOLUTIONS
No Video/ Power LED off	No picture, LCD TV is dead	Check connection integrity at both ends of the video cable Electric outlet verification Ensure power button depressed fully
No Video/ Power LED on	No picture or no brightness	Increase brightness & contrast controls Perform LCD TV self-test feature check Check for bent or broken pins
Poor Focus	Picture is fuzzy, blurry or ghosting	Push Auto adjust button Adjust Phase and Clock controls via OSD Eliminate video extension cables Perform LCD TV reset Lower video resolution or increase font size
Shaky/Jittery Video	Wavy picture or fine movement	Push Auto Adjust button Adjust Phase and Clock controls via OSD Perform LCD TV reset Check environmental factors Relocate and test in other room
Missing Pixels	LCD screen has spots	Cycle power on-off These are pixels that are permanently off and is a natural defect that occurs in LCD technology
Stuck-on Pixels	LCD screen has bright spots	Cycle power on-off These are pixels that are permanently on and is a natural defect that occurs in LCD technology
Brightness Problems	Picture too dim or too bright	Perform LCD TV reset Push Auto Adjust button Adjust brightness & contrast controls *Note: When operating in DVI mode, the contrast adjustment is not available.*
Geometric Distortion	Screen not centered correctly	Perform LCD TV reset on "Position Settings Only" Push auto-adjust button Adjust the centering controls Ensure LCD TV is in proper video mode *Note: When operating in DVI mode, the positioning adjustments are not available.*
Horizontal/Vertical Lines	Screen has one or more lines	Perform LCD TV reset Push Auto Adjust button Adjust Phase and Clock controls via OSD Perform LCD TV self-test feature check and determine if these lines are also in self-test mode Check for bent or broken pins *Note: When operating in DVI mode, the Pixel Clock and Phase adjustments are not available.*
Sync Problems	Screen is scrambled or appears torn	Perform LCD TV reset Push Auto Adjust button Adjust Phase and Clock controls via OSD Perform LCD TV self-test feature check to determine if scrambled screen appears in self-testMode Check for bent or broken pins Boot up in the "safe mode"
LCD Scratched	Screen has scratches or smudges	Turn LCD TV off and clean the screen
Safety Related Issues	Visible signs of smoke or sparks	Do not perform any troubleshooting steps LCD TV needs to be replaced
Intermittent Problems	LCD TV malfunctions on & off	Ensure LCD TV is in proper video mode Ensure video cable connection to computer and to the flat panel is secure Perform LCD TV reset Perform LCD TV self-test feature check to determine if the intermittent problem occurs in self-test mode

Troubleshooting

TV and Audio Problems

COMMON SYMPTOMS	WHAT YOU EXPERIENCE	POSSIBLE SOLUTIONS
Poor TV signal reception	Abnormal picture seen from the screen	The proximity of mountains or high buildings may be responsible for ghost pictures, echoing or shadows. In this case, try manually adjusting your pictures: see 'fine tuning' or adjust the direction of the outside aerial. For Asia users in non-NTSC area: Does your antenna enable you to receive broadcasts in this frequency range UHF or VHF band)? In the event of difficult reception (snowy pictures) switch the NR on the PICTURE menu to ON.
No TV picture	No picture when TV input was selected	Have you connected the aerial socket properly? Have you chosen the right system? Poorly connected SCART Cables or aerial sockets are often the cause of picture or sound problems (sometimes the connectors can become half disconnected if the LCD TV set is moved or turned). Check all connections.
No sound	No sound output when a program with sound was playing	Ensure that the audio cables are firmly connected to both the audio input connectors on your LCD TV and audio output connectors on your PC or Video player. If on certain TV channels you receive a picture but no sound, this means that you do not have the correct TV system. Modify the SYSTEM setting.

Video Problems

COMMON SYMPTOMS	WHAT YOU EXPERIENCE	POSSIBLE SOLUTIONS
No Video	No signal indicator is displayed.	Check Video Input Selection Composite: Yellow colored RCA jack S-Video: Typically a round 4 pin jack Component: Typically 3 RCA jacks of Green, Red and Blue.
Low Quality DVD playback	Picture not crisp and some color Distortion	Check DVD connection Composite gives good picture S-Video gives better picture Component gives best picture
No sound	See video but no audio	Check if TV volume is turn off of muted Connect the audio cable securely Audio cable is connected incorrectly Verify that the audio source is selected correctly in the OSD

Remote Control Problems

REMOTE CONTROL PROBLEMS	WHAT YOU EXPERIENCE	POSSIBLE SOLUTIONS
Remote control does not work properly	No response from LCD TV when remote is pressed	Point the remote control directly at the remote sensor on the LCD TV Replace both batteries with new onesl

Product Specific Problems

SPECIFIC SYMPTOMS	WHAT YOU SEE	POSSIBLE SOLUTIONS
Screen image is too Small	Image is centered on screen, but does not fill entire viewing area	Perform LCD TV reset on "All Settings"
Cannot adjust the LCD TV with the buttons on the front panel	OSD does not appear on the screen	Turn the LCD TV off and unplug the power cord and then plug back and power on

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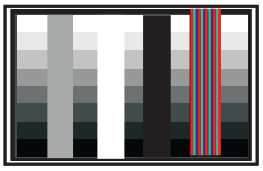
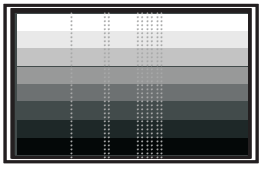
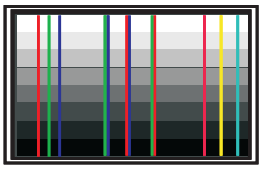
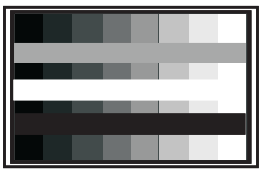
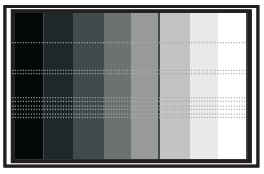
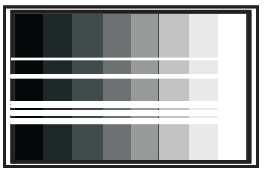
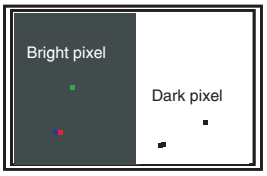
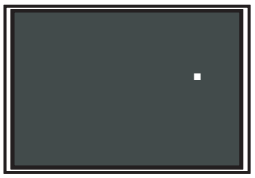
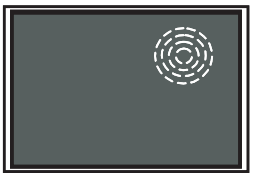
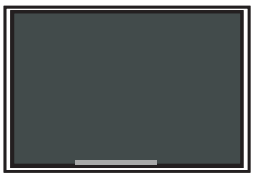
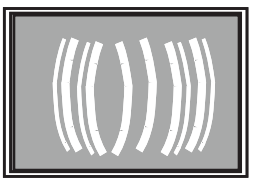
Failure Mode of LCD Panel

Quick reference for failure mode of LCD panel

This page presents problems that could be made by LCD panel. It is not necessary to repair circuit board. Simply follow the Mechanical instruction on this manual to eliminate failure by replace LCD panel or backlight tubes.

Failure description	Phenomenon
Vertical block defect	
Vertical dim lines	
Vertical lines defect (Always bright or dark)	
Horizontal block defect	
Horizontal dim lines	
Horizontal lines defect (Always bright or dark)	
Has bright or dark pixel	
Polarizer has bubbles	
Polarizer has bubbles	
Foreign material inside polarizer. It shows linear or dot shape.	
Concentric circle formed	
Bottom back light of LCD is brighter than normal	
Backlight un-uniformity	
Backlight has foreign material. Black or white color, linear or circular type	

Definition of Pixel Defects

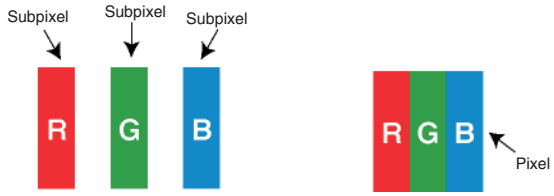
Go to cover page

0. General

This section explains the different types of pixel defects and defines acceptable defect levels of each type. In order to qualify for repair or replacement under warranty, the number of pixel defects on a TFT LCD panel must exceed these acceptable levels.

1. Definition of Pixels and Subpixels

A pixel, or picture element , is composed of three subpixels in the primary colors of red, green and blue. Many pixels together from an image. When all subpixels of a pixel are lit, the three colored subpixels together appear as a single white pixel. When all are dark, the three colored subpixels together appear as a single black pixel. Other combinations of lit and dark subpixels appear as single pixels of other colors.

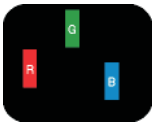


2. Types of Pixel Defects

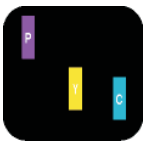
Pixel and subpixel defects appear on the screen in different ways.

Bright dot defects
Bright dot defects appear as pixels or subpixels that are always lit or "on". These are the types of bright dot defects:.

One lit red, green or blue subpixel



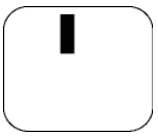
Two adjacent lit subpixels:
- Red + Blue = Purple
- Red + Green = Yellow
- Green + Blue = Cyan (Light Blue)



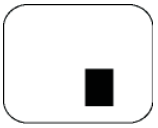
Three adjacent lit subpixels
(One white pixel)

Black dot defects
Black dot defects appear as pixels or subpixels that are always dark or "off"TThese are the types of black dot defects:

One dark subpixel



Two or three adjacent dark subpixels



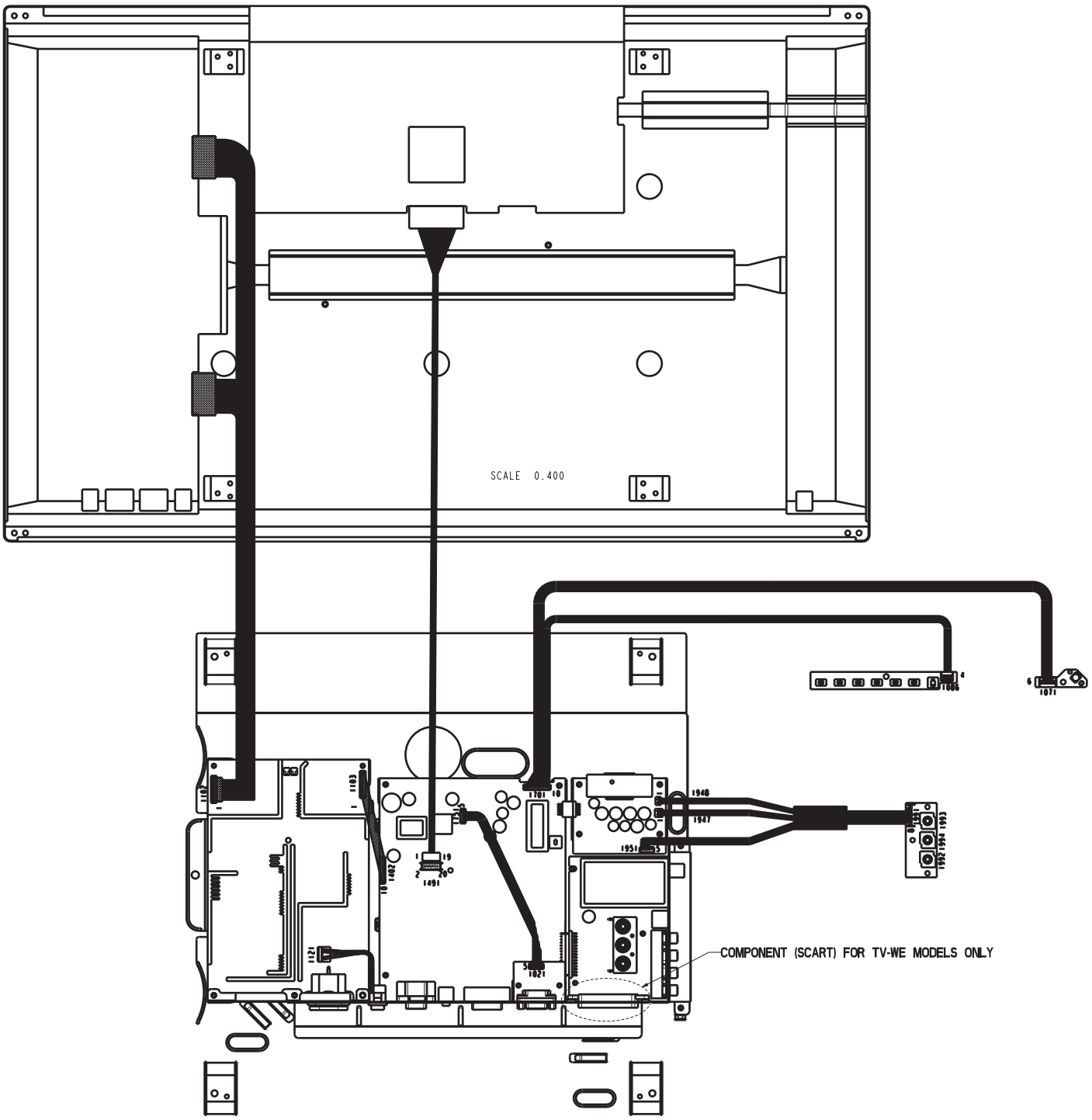
3. Pixel Defect Tolerances

In order to qualify for repair or replacement due to pixel defects during the warranty period, a TFT LCD panel in a PHILIPS flat panel monitor must have pixel or subpixel defects exceeding the tolerances listed in the following tables.

BRIGHT DOT DEFECTS	ACCEPTABLE LEVEL
MODEL	300WN5
1 lit sub pixel	3 or fewer
2 adjacent lit sub pixels	0
3 adjacent lit sub pixels (one white pixel)	0
Distance between two bright dot defects*	25 mm or more
Total bright dot defects of all types	2 or fewer
BLACK DOT DEFECTS	**ACCEPTABLE LEVEL**
MODEL	300WN5
1 dark sub pixel	5 or fewer
2 adjacent dark sub pixels	1 or fewer
3 adjacent dark sub pixels	0
Distance between two black dot defects*	15 mm or more
Total black dot defects of all types	5 or fewer
TOTAL DOT DEFECTS	**ACCEPTABLE LEVEL**
MODEL	300WN5
Total bright or black dot defects of all types	5 or fewer

Note: 1 or 2 adjacent subpixel defects = 1 dot defect

Wiring Diagram



Mechanical Instructions

Go to cover page

1. Lay LCD-TV on a flat, soft and clean surface as Fig 1.

Fig 1

2. Remove speakers and bases as Fig 2.

Fig 2 : Remove 8 screws.

3. Remove front bezel as Fig 3~7.

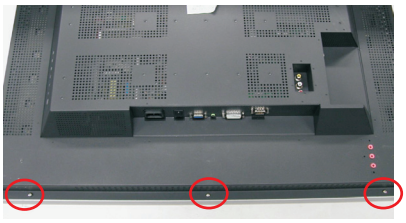


Fig 3 : Remove 3 screws on the bottom.

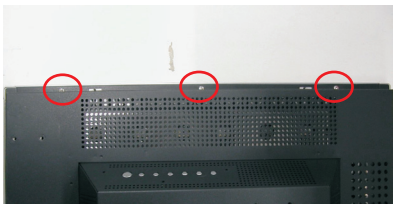


Fig 4 : Remove 3 screws on the left.

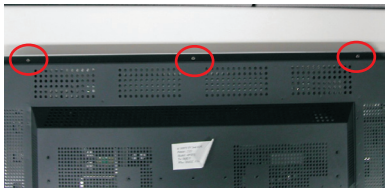


Fig 5 : Remove 3 screws on the top.

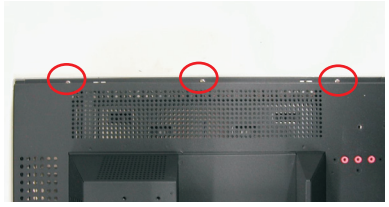


Fig 6 : Remove 3 screws on the right.

Fig 7 : Remove 1 screw on IR PCB.

4. Remove back cover as Fig 8~11.

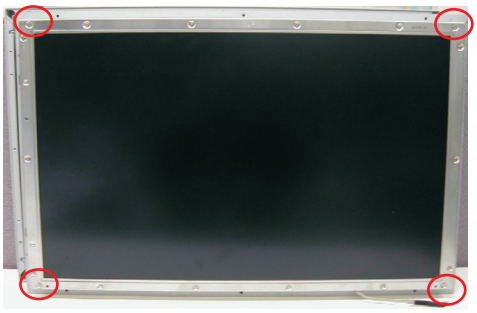


Fig 8 : Remove 4 screws on panel.

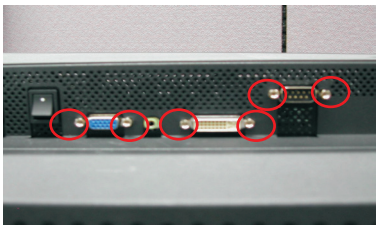


Fig 9 : Remove 6 hex screws.

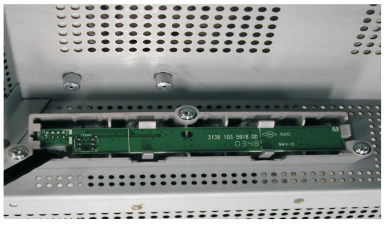


Fig 10: Remove control PCB.

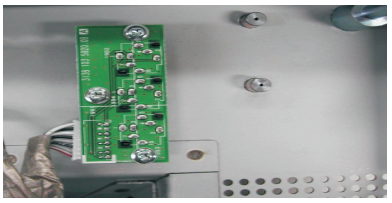


Fig 11 : Remove 3 screws on audio jack PCB.

5. You can repair each board like this position as Fig 12.

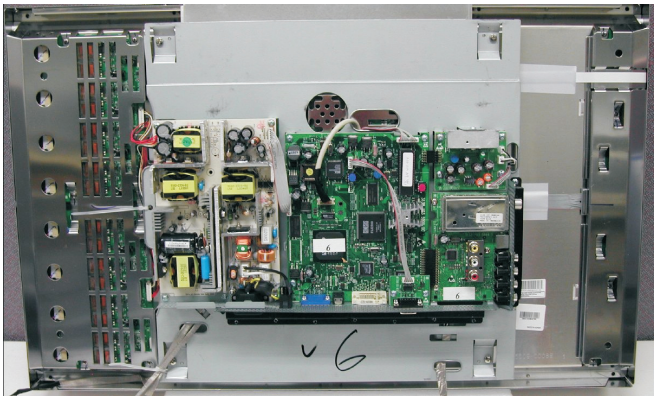


Fig 12

6. Remove metal frame from LCD panel as Fig 13

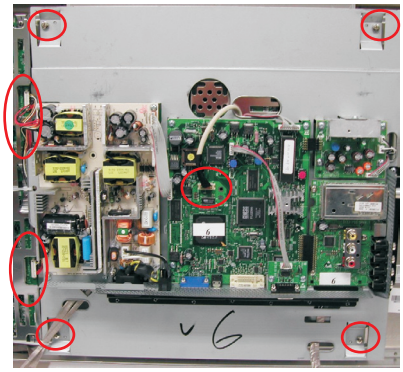


Fig 13 : Remove 4 screws and 3 wires.

7. Rear view on LCD panel as Fig 14.

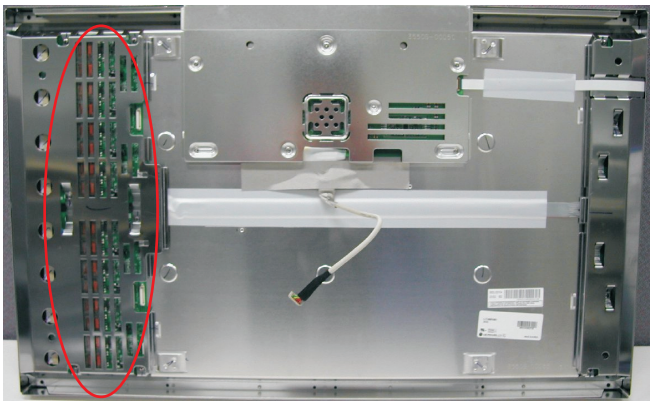


Fig 14

Remark : Don't repair inverter PCB. LCD panel + inverter PCB is a module.

Display Adjustment

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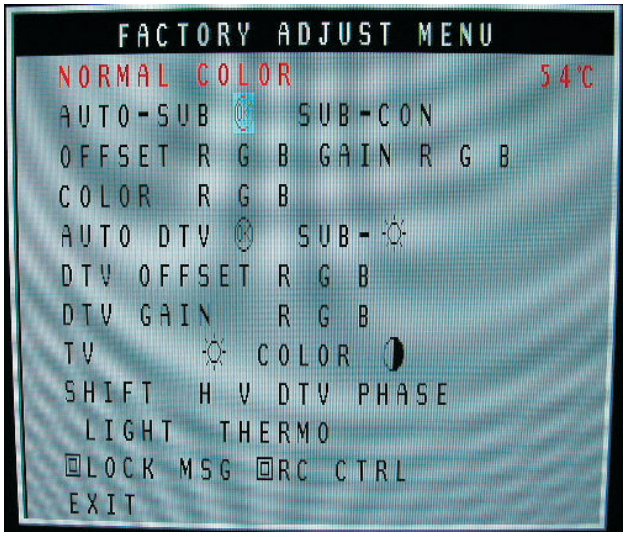
Display Adjustment:

Press ◀ and ▶ button simultaneously for 10 secs when monitor on normal mode. Adjust OSD menu to lower position of screen (i.g. adjust Horizontal OSD Position and Vertical OSD Position to 0 at OSD setting sub-menu. Then press ▼ or ▲ button to move the cursor to red words area (see red circle on Fig 1). Press **Menu** button to access to factory mode (see Fig 2.). Please make sure firmware version and EDID data are correct. Please do display alignment after aging 1 hour at least.

Fig. 1

Fig 2. Factory menu :



PC mode WHITE-D adjustment (B)

1 Apply 1280X768/60Hz mode with 5 block pattern as Fig 3. Set main controls brightness control at 50% and contrast to 50% on User mode. Set color setting at natural color on User mode. Move cursor to "AUTO-SUB" item on factory mode, press "menu" key to active this function, then scaler will adjust SUB-CON, Offset RGB and Color RGB automatically by it self.

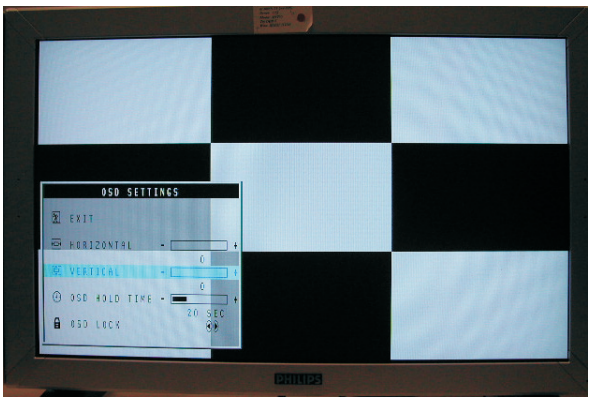


Fig. 3

2. Apply a 1280x768/60Hz signal with white pattern.Set brightness control at 50% and contrast control at 50%. Adjust the R.G.B gain to reach special color temperature on center of screen.

2.1 Aim the probe CA-A30 at the center of screen as Fig. 4
2.2 Remove the lens protective cover of probe CA-A30.
2.3 Set Measuring/viewing selector to Measuring position for reset analyzer. (Zero calibration) as Fig. 5
2.4 Turn on the colour analyzer (CA-110).
2.5 Press 0-CAL button to start reset analyzer. See Fig. 6

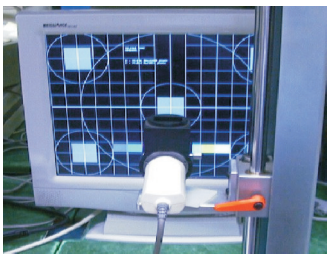


Fig. 4

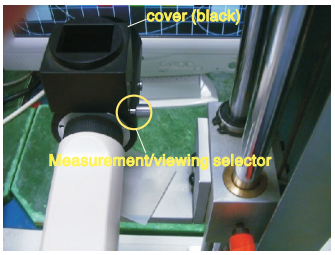


Fig. 5

Fig. 6

2.6 Switch light probe to Viewing position.
2.7 Move the Lens barrel forward or backward to get clear image as shown in Fig. 7
2.8 Switch light probe to Measuring position. It should be able to indicate colour value on the CA-110.

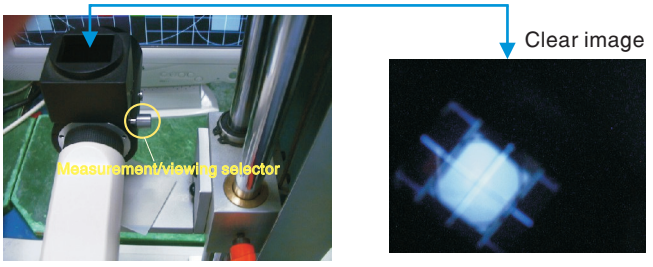


Fig. 7

Display Adjustment

2.9 Set color setting on normal color, blue preset and red preset on User mode respectively and adjust Gain RGB and Sub-brightness on factory mode to meet following specification.

PC Color Temp.	Normal /sRGB	Blue / 9300°K	Red /5700°K
x (center)	0.313 ± 0.020	0.283 ± 0.020	0.328 ± 0.020
y (center)	0.329 ± 0.020	0.297 ± 0.020	0.344 ± 0.020

Use Minolta CA-110 for color coordinates and luminance check.

i. Luminance>380 nits in the center of the screen at Original (Natural) color and PC Brightness control; Contrast control at 100%
ii. Luminance =180 +/- 15 nits in the center of the screen at sRGB colour temp. (Brightness and Contrast control set at 50%) .

Alignment hits:

R for x value , G for y value, B and Sub-brightness for Y value on the Colour analyzer.

2.10 Exit factory mode and User mode, then do DC on/off and AC on/of to reset CPU.

3. After PC mode display adjustment, TV mode and HDTV mode will be set as PC mode automatically by software.

Safety Test Requirements

Go to cover page

All units that are returned for service or repair must pass the original manufactures safety tests. Safety testing requires both *Hipot* and *Ground Continuity* testing.

HI-POT TEST INSTRUCTION

1. Application requirements

1.1 All mains operated products must pass the Hi-Pot test as described in this instruction.

1.2 This test must be performed again after the covers have been refitted following the repair, inspection or modification of the product.

2. Test method

2.1 Connecting conditions

2.1.1 The test specified must be applied between the parallel-blade plug of the mainscord and all accessible metal parts of the product.

2.1.2 Before carrying out the test, reliable conductive connections must be ensured and thereafter be maintained throughout the test period.

2.1.3 The mains switch(es) must be in the "ON" position.

2.2 Test Requirements

All products should be HiPot and Ground Continuity tested as follows:

Condition	HiPot Test for products where the mains input range is Full range(or 220V AC)	HiPot Test for products where the mains input is 110V AC(USA type)	Ground Continuity Test requirement
Test voltage	2820VDC (2000VAC)	1700VDC (1200VAC)	Test current: 25A,AC Test time: 3 seconds(min.) Resistance required: <=0.09+R ohm, R is the resistance of the mains cord.
Test time (min.)	3 seconds	1 second	
Trip current (Tester)	set at 100 uA for Max. limitation; set at 0.1 uA for Min. limitation	5 mA	
Ramp time	set at 2 seconds		

2.2.1 The test with AC voltage is only for production purpose, **Service center shall use DC voltage.**

2.2.2 The minimum test duration for Quality Control Inspector must be 1 minute. No breakdown during the test.

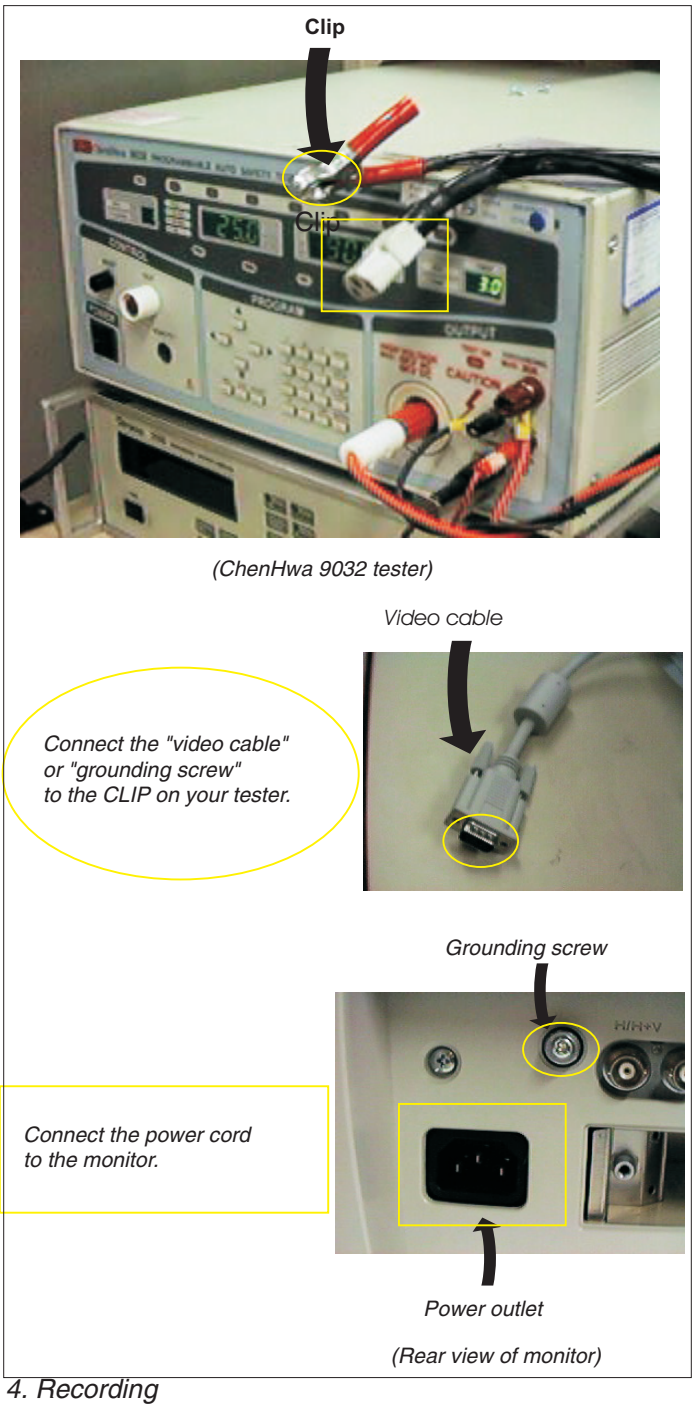
2.2.3 The test voltage must be maintained within the specified voltage + 5%.

2.2.4 The grounding blade or pin of mains plug must be conducted with accessible metal parts.

3. Equipments and Connection

3.1. Equipments
For example :
- ChenHwa 9032 PROGRAMMABLE AUTO SAFETY TESTER
- ChenHwa 510B Digital Grounding Continuity Tester
- ChenHwa 901 (AC Hi-pot test), 902 (AC, DC Hi-pot test) Withstanding Tester

3.2. Connection
* Turn on the power switch of monitor before Hipot and Ground Continuity testing.



4. Recording

Hipot and Ground Continuity testing records have to be kept for a period of 10 years.

DDC Instructions

General

DDC Data Re-programming

In case the DDC data memory IC or main EEPROM which storage all factory settings were replaced due to a defect, the serial numbers have to be re-programmed.
It is advised to re-soldered DDC IC and main EEPROM from the old board onto the new board if circuit board have been replaced, in this case the DDC data does not need to be re-programmed.

Additional information

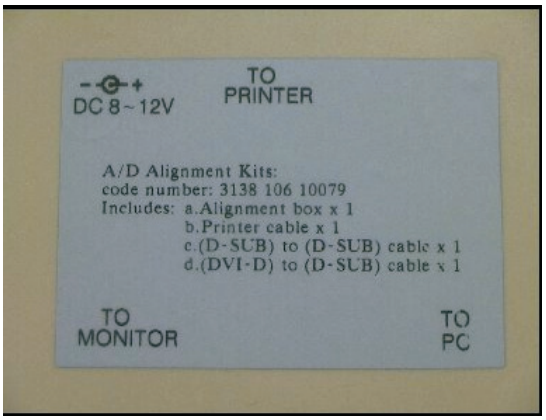
Additional information about DDC (Display Data Channel) may be obtained from Video Electronics Standards Association (VESA). Extended Display Identification Data(EDID) information may be also obtained from VESA.

DDC EDID structure
For Analog interface: Standard Version 3.0
Structure Version 1.2
For Digital inferface: Standard Version 3.0
Structure Version 1.3

System and equipment requirements

1. An i486 (or above) personal computer or compatible.
2. Microsoft operation system Windows 95/98.
3. EDID301.EXE program (3138 106 10103) as shown in Fig. 1
4. A/D Alignment kits (3138 106 10079):
   inclusion : a. Alignment box x1 (as Fig. 2)

Fig. 2



b. Printer cable x1
c. (D-Sub) to (D-Sub) cable x1

Note: The EDID301.EXE (Release Version 1.58 20000818)is a windows-based program, which cannot be run in MS-DOS.

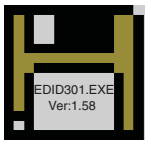
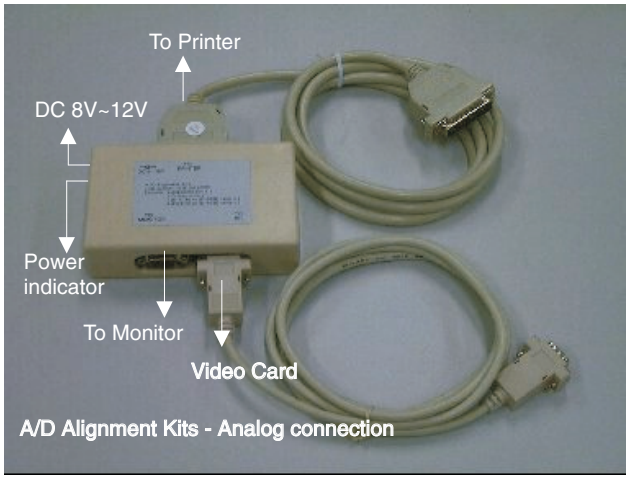


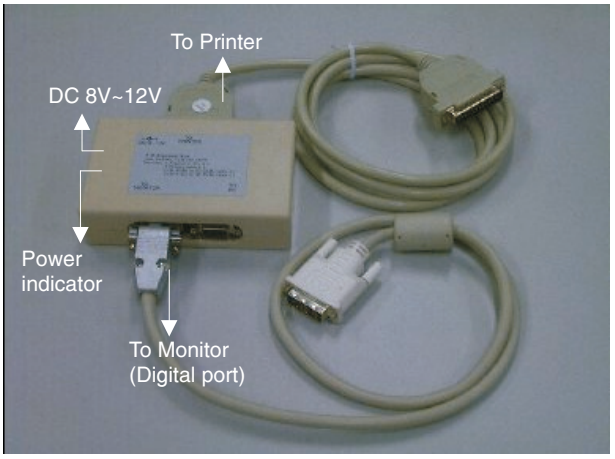
Fig. 1

Diskette with EDID301.EXE



A/D Alignment Kits - Analog connection

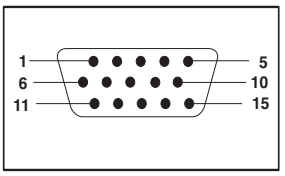
Note: The alignment box has already build-in a batteries socket for using batteries (9V) as power source. Pull out the socket by remove four screws at the rear of box. Please do not forget that remove batteries after programming. The energy of batteries can only drive circuits for a short period of time.



A/D Alignment Kits - Digital connection

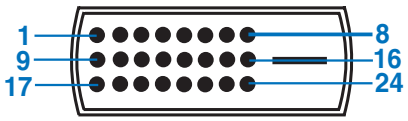
Pin assignment

A. 15-pin D-Sub Connector



Pin No.	Assignment	Pin No.	Assignment
1	Red video input	9	+5V
2	Green video input	10	Ground
3	Blue video input	11	Ground
4	Ground	12	Serial data line(SDA)
5	No Connected	13	H.Sync
6	Red video ground	14	V.Sync(VCLK for DDC)
7	Green video ground	15	Data clock line(SCL)
8	Blue video ground		

B. DVI-D Connector



Pin No.	Assignment	Pin No.	Assignment
1	TMDS Data 2-	13	TMDS Data 3+
2	TMDS Data 2+	14	+5V Power
3	TMDS Data 2/4 Shield	15	Ground (+5V)
4	TMDS Data 4-	16	Hot Plug Detect
5	TMDS Data 4+	17	TMDS Data 0-
6	DDC Clock	18	TMDS Data 0+
7	DDC Data	19	TMDS Data 0/5 Shield
8	No connect	20	TMDS Data 5-
9	TMDS Data 1-	21	TMDS Data 5+
10	TMDS Data 1+	22	TMDS Clock Shield
11	TMDS Data 1/3 Shield	23	TMDS Clock+
12	TMDS Data 3-	24	TMDS Clock-

DDC Instructions

Go to cover page

1. Configuration and procedure

There are two ICs contained serial number on the circuit board, Analog Flash ROM IC (7301), and main EEPROM (7302) which storage all factory settings. Following descriptions are the connection and procedure for Analog Flash ROM IC , the main EEPROM can be re-programmed along with Analog IC by enable factory memory data write function on the DDC program (EDID301.EXE).

Initialize alignment box

In order to avoid that monitor entering power saving mode due to sync will cut off by alignment box, it is necessary to initialize alignment box before running programming software (EDID301.EXE). Following steps show you the procedures and connection.

Step 1: Supply 8~12V DC power source to the Alignment box by plugging a DC power cord or using batteries.
Step 2: Connecting printer cable and video cable of monitor as Fig. 1
Step 3: Run the EDID301.EXE program until the main menu appears. This is for initialize alignment box.

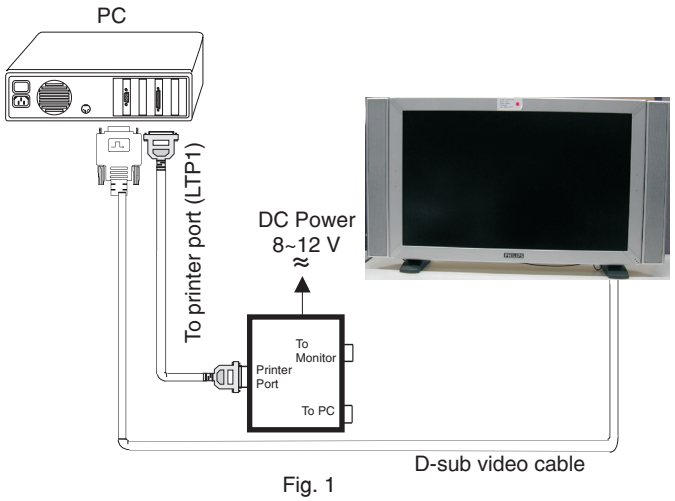


Fig. 1

Re-programming DDC IC

Step 1: After initialize alignment box, connecting all cables and box as Fig. 2 for analog DDC, Fig.3 for digital DDC
Step 2: Press and hold "Menu" and "Plus" buttons then power on the monitor.
Step 3: Follow the steps on DDC re-programming instructions to staring re-programming.

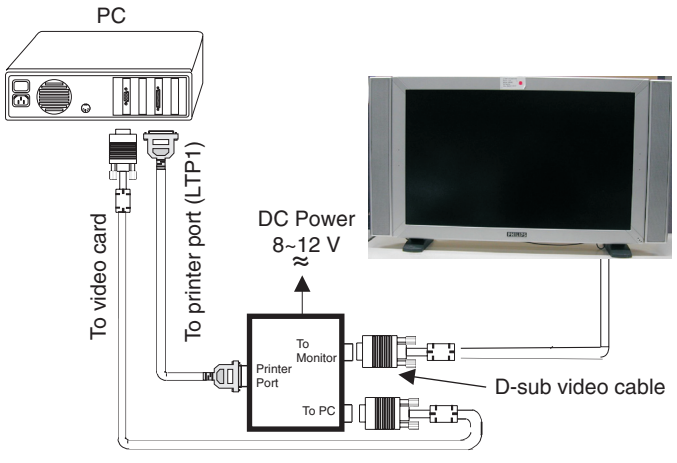


Fig. 2

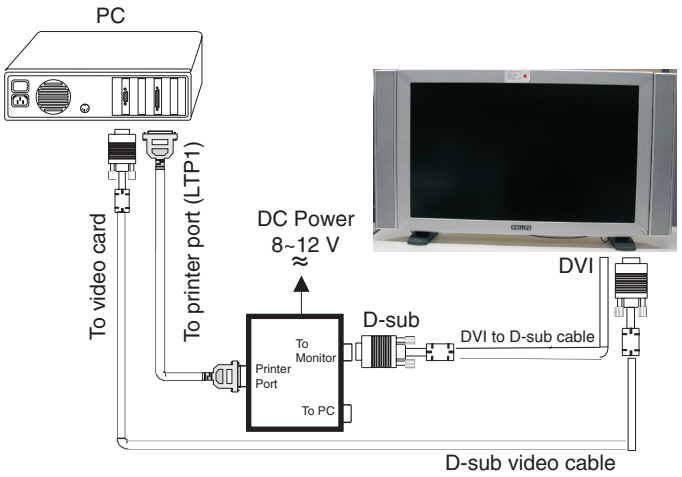
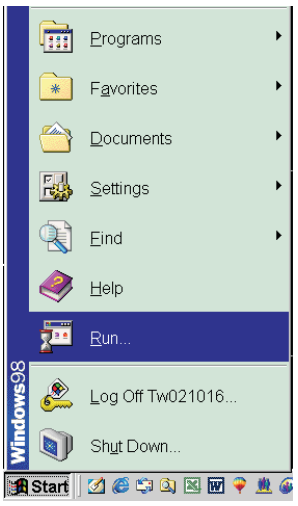


Fig. 3

2. DDC re-programming instructions

Start on DDC program

Start Microsoft Windows.
1. Insert the disk containing EDID301.EXE program into floppy disk drive.
2. Click Start , choose Run at start menu of Windows 95/98.



3. At the submenu, type the letter of your computer's floppy disk drive followed by :EDID301 (for example, A:\EDID301.exe,) as shown in Fig. 4.

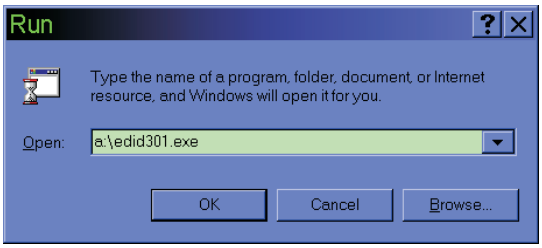


Fig. 4

4. Click OK button. The main menu appears (as shown on Fig. 5).

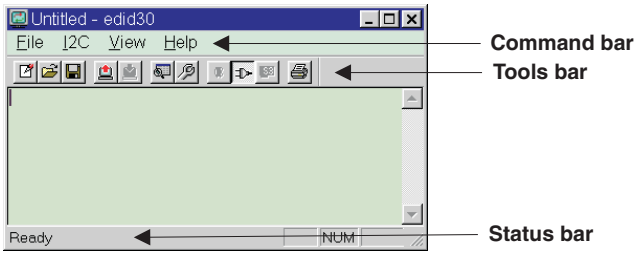
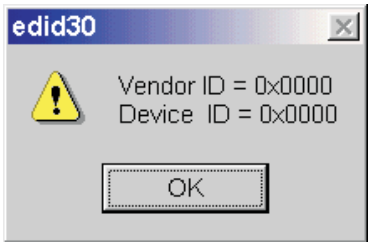


Fig. 5

Note:

If the connection is improper, you will see the following error message before entering the main menu. Meanwhile, the (read EDID) function will be disable. At this time, please make sure all cables are connected correctly and fixedly, and the



Loading DDC data from monitor

1. Click icon on the tools bar to bring up the Configuration Setup windows as Fig.6
2. Select the DDC2B as the communication channel.
3. Enable Factory memory data write function and fill in page address F0 to the block.
4. Disable Software DDC function.
5. Click OK button to confirm your selection.

Note: The Factory memory data write function will allow EDID30 to rewrite serial numbers both Analog DDC IC and main EEPROM to make sure both S/N are exactly the same. You may confirm the function by checking the S/N at Product information of the OSD menu after restarting the monitor.

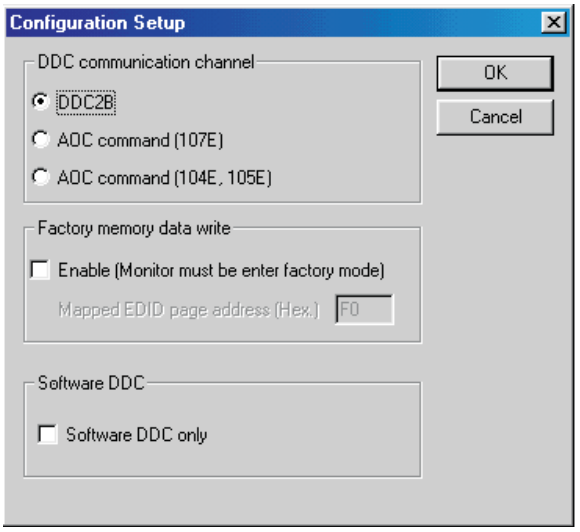


Fig. 6

6. Click icon to read DDC EDID data from monitor. The EDID codes will display on screen as following. (The EDID codes are depend on the model.) Meanwhile, The status bar will indicate 00% to 100% when reading.

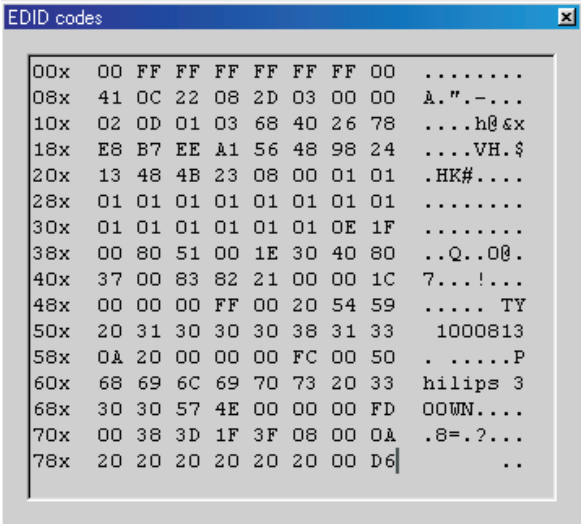


Fig. 7

DDC Instructions

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Note:

During the loading, EDID30 will verify the EDID data which just loaded from monitor before proceed any further function, once the data structure of EDID can not be recognized, the following error message will appear on the screen (Fig. 8). Please confirm following steps to avoid this message.

1. The data structure of EDID was incorrect.
2. DDC IC that you are trying to load data is empty.
3. Wrong communication channel has set at configuration setup Windows.
4. Cables loosed or poor contact of connection.

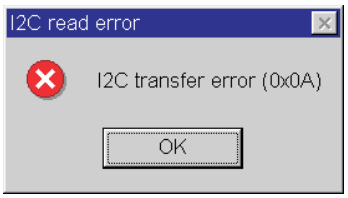
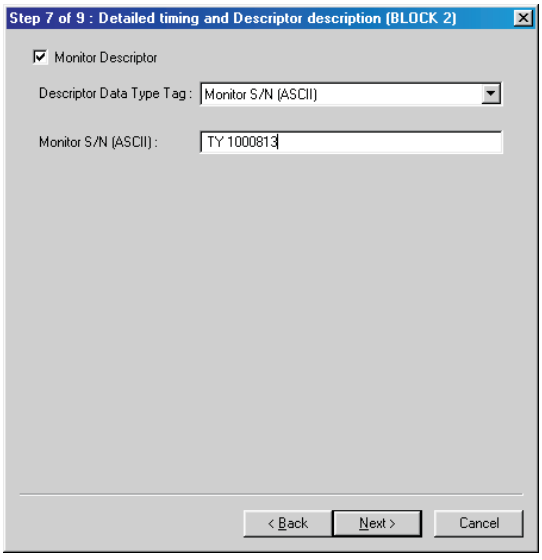


Fig. 8

Modify DDC data (Serial No.)

1. Click icon on the toosl bar.
2. Click Next > till the Step 7 of 9 window appears.
3. Type the new Serial No. (for example, TY 1000813).
4. Click Next > till the last step window appears, then click Finish to exit the Step window.


Step 7 of 9 : Detailed timing and Descriptor description (BLOCK 2)
Monitor Descriptor
Descriptor Data Type Tag : Monitor S/N (ASCII)
Monitor S/N (ASCII) : TY 1000813
< Back
Next >
Cancel

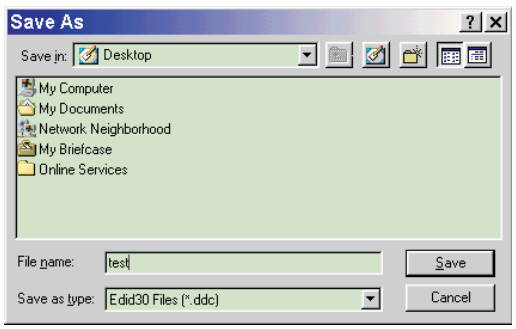
Write DDC data to monitor

1. Click icon from the tools bar to starting rewrite DDC data.
2. Click for confirmation.

Save DDC data as a file

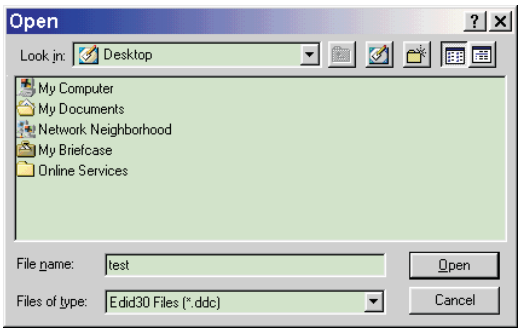
Sometimes, you maybe need to save DDC data as a text file for using on other DDC chip. To save DDC data, follow the steps below:

1. Click icon on the tools bar and type a file name you like. The file format is ddc type which can be open by Microsoft WordPad.
2. Click Save button.



Load DDC data from file

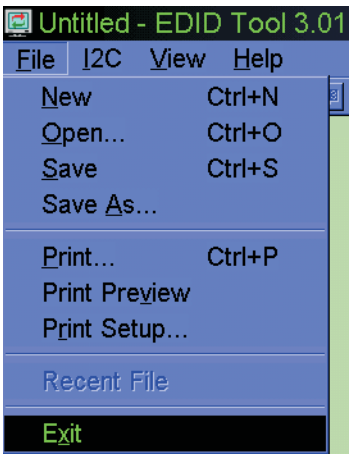
1. Click from the tools bar.
2. Select the file you want to open.
3. Click . Open Button.



4. Now you can re-programming DDC data which you just loaded from a file, please be confirmed that model and serial number are correct and match with the monitor you are trying to re-write.

Exit DDC program

1. Click file command on the command bar then select Exit.



Definition of Serial Number:

BZ000351000001

- SERIAL NO.
- YEAR/WEEK
- TY CODE (TY---CHUNGLI, HD--HUNGARY BZ--SUZHOU, CX--DONG GUAN)

DDC Data

Go to cover page

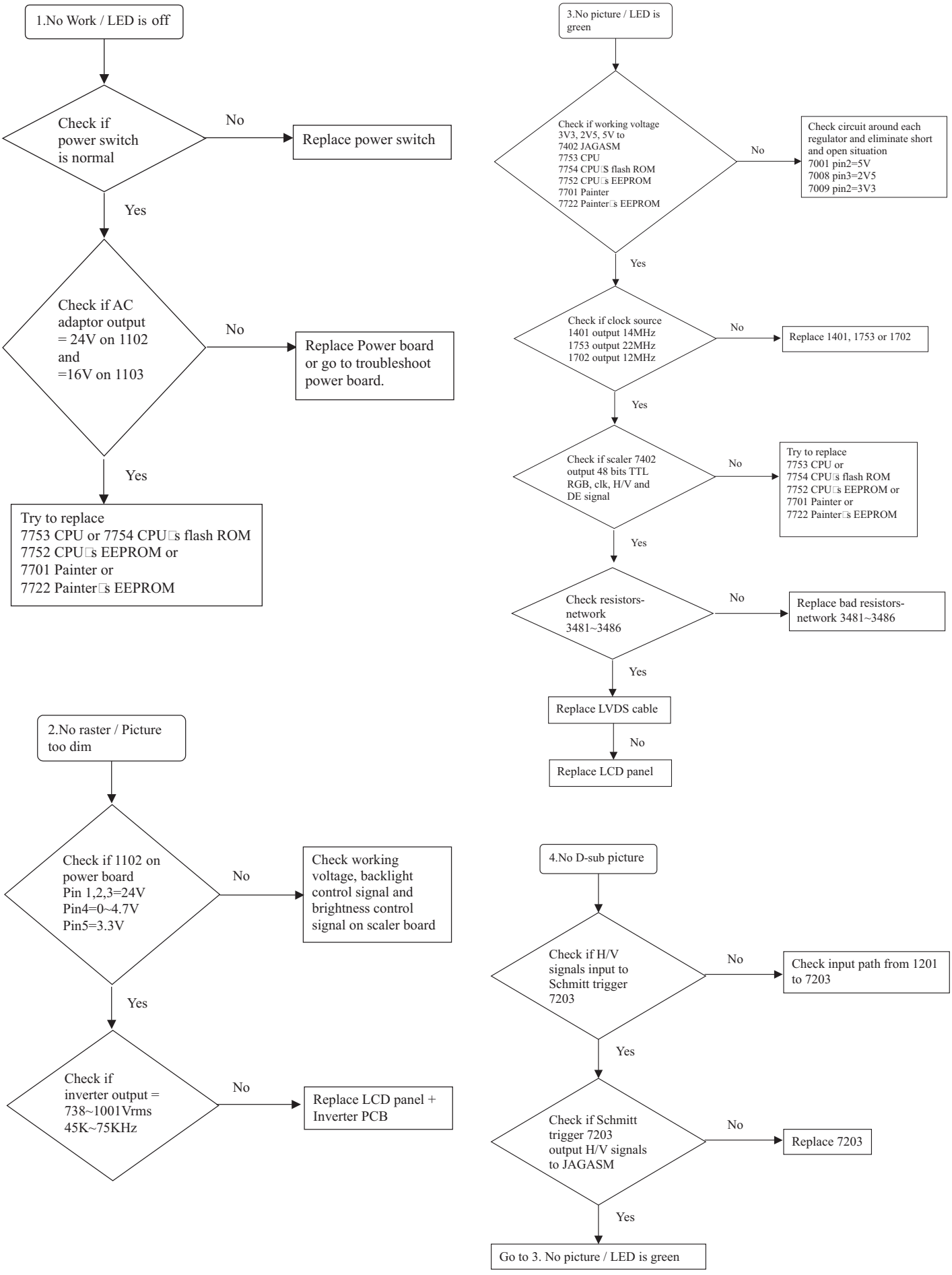
```
************************************************************************
Analog EDID log file
************************************************************************
Vendor/Product Identification
        ID Manufacturer Name        : PHL
        ID Product Code             : 0822 (HEX.)
        ID Serial Number            : 1E240 (HEX.)
        Week of Manufacture         : 48
        Year of Manufacture         : 2003
EDID Version, Revision
        Version                 : 1
        Revision                : 3
Basic Display Parameters/Features
        Video Input Definition  : Analog Video Input
                                  0.700V/0.000V (0.70Vpp)
                                  without Blank-to-Black Setup
                                  Separate Sync
                                  without Composite Sync
                                  without Sync on Green
                                  no Serration required
        Maximum H Image Size        : 64
        Maximum V Image Size        : 38
        Display Transfer Characteristic : 2.2 (gamma)
        Feature Support (DPMS)      : Standby
                                      Suspend
                                      Active Off
        Display Type            : RGB color display

Color Characteristics
        Red   X coordinate          : 0.631
        Red   Y coordinate          : 0.339
        Green X coordinate          : 0.282
        Green Y coordinate          : 0.597
        Blue  X coordinate          : 0.144
        Blue  Y coordinate          : 0.076
        White X coordinate          : 0.284
        White Y coordinate          : 0.295
Established Timings
        Established Timings I   : 640 x 480 @60Hz (IBM,VGA)
                                  800 x 600 @56Hz (VESA)
                                  800 x 600 @60Hz (VESA)
        Established Timings II  : 1024 x 768 @60Hz (VESA)
        Manufacturer's timings  :
Standard Timing Identification  : Unused
Detailed Timing #1
        Pixel Clock (MHz)           : 79.5
        H Active (pixels)           : 1280
        H Blanking (pixels)         : 384
        V Active (lines)            : 768
        V Blanking (lines)          : 30
        H Sync Offset (F Porch) (pixels) : 64
        H Sync Pulse Width (pixels)      : 128
        V Sync Offset (F Porch) (lines)  : 3
        V Sync Pulse Width (lines)       : 7
        H Image Size (mm)           : 643
        V Image Size (mm)           : 386
        H Border (pixels)           : 0
        V Border (lines)            : 0
        Flags                       : Non-interlaced
                                    : Normal Display, No stereo
                                    : Digital Separate sync.
                                    : Positive Vertical Sync.
                                    : Negative Horizontal Sync.
Monitor Descriptor #2
        Serial Number           :  TY 123456
Monitor Descriptor #3
        Monitor Name            : Philips 300WN
Monitor Descriptor #4
        Monitor Range Limits
        Min. Vt rate Hz         : 56
        Max. Vt rate Hz         : 61
        Min. Horiz. rate kHz    : 31
        Max. Horiz. rate kHz    : 63
        Max. Supported Pixel    : 80
        No secondary GTF timing formula supported.
Extension Flag                  : 0
Check sum                       : BD (HEX.)

************************************************************************
EDID data (128 bytes)
************************************************************************

 0: 00   1: ff   2: ff   3: ff   4: ff   5: ff   6: ff   7: 00
 8: 41   9: 0c  10: 22  11: 08  12: 40  13: e2  14: 01  15: 00
16: 30  17: 0d  18: 01  19: 03  20: 68  21: 40  22: 26  23: 78
24: e8  25: b7  26: ee  27: a1  28: 56  29: 48  30: 98  31: 24
32: 13  33: 48  34: 4b  35: 23  36: 08  37: 00  38: 01  39: 01
40: 01  41: 01  42: 01  43: 01  44: 01  45: 01  46: 01  47: 01
48: 01  49: 01  50: 01  51: 01  52: 01  53: 01  54: 0e  55: 1f
56: 00  57: 80  58: 51  59: 00  60: 1e  61: 30  62: 40  63: 80
64: 37  65: 00  66: 83  67: 82  68: 21  69: 00  70: 00  71: 1c
72: 00  73: 00  74: 00  75: ff  76: 00  77: 20  78: 54  79: 59
80: 20  81: 31  82: 32  83: 33  84: 34  85: 35  86: 36  87: 0a
88: 20  89: 20  90: 00  91: 00  92: 00  93: fc  94: 00  95: 50
96: 68  97: 69  98: 6c  99: 69 100: 70 101: 73 102: 20 103: 33
104: 30 105: 30 106: 57 107: 4e 108: 00 109: 00 110: 00 111: fd
112: 00 113: 38 114: 3d 115: 1f 116: 3f 117: 08 118: 00 119: 0a
120: 20 121: 20 122: 20 123: 20 124: 20 125: 20 126: 00 127: bd
```

DDC Data

Go to cover page

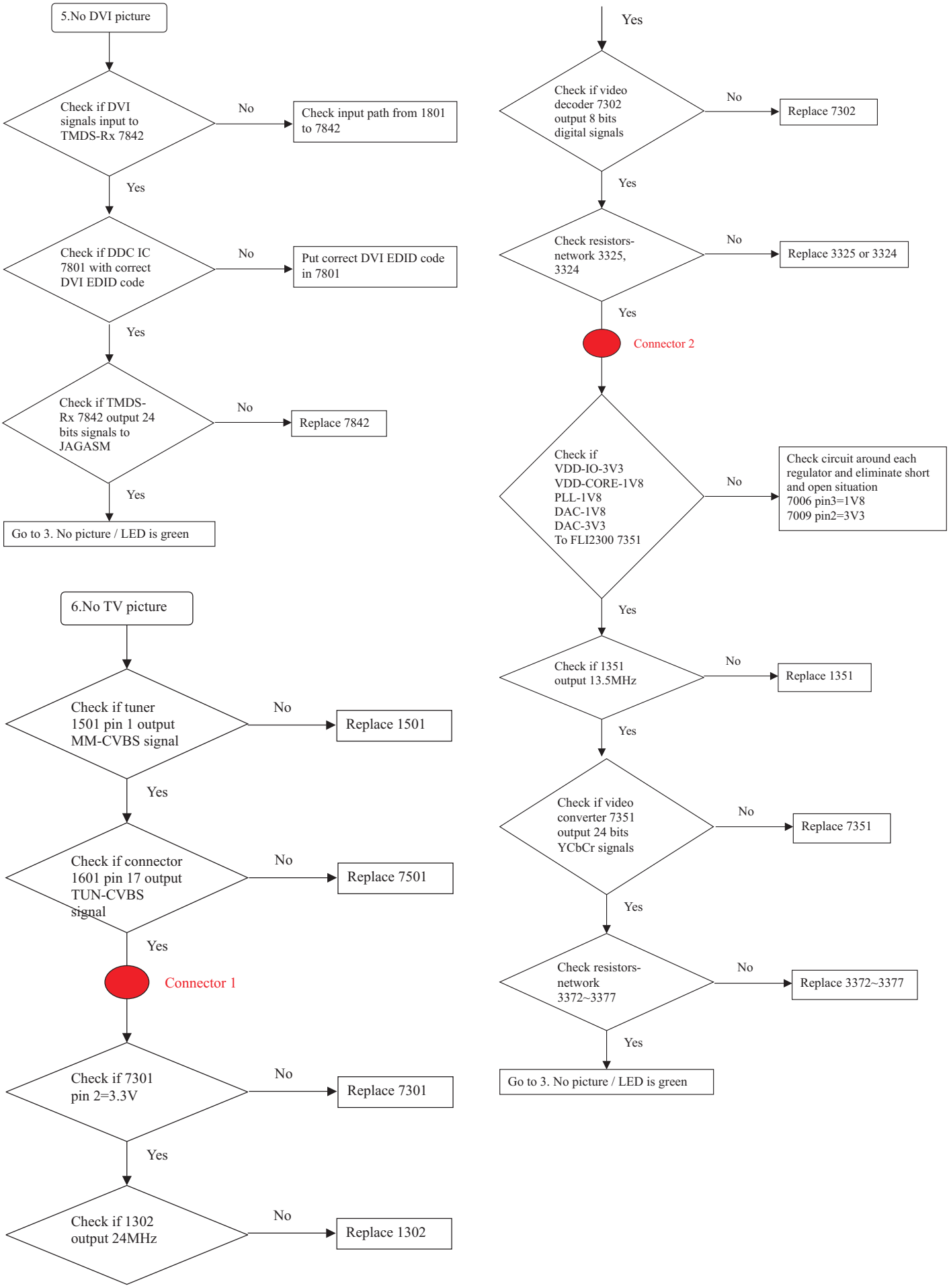
```
**************************************************************************
Digital EDID log file
**************************************************************************
Vendor/Product Identification
        ID Manufacturer Name        : PHL
        ID Product Code             : 0822 (HEX.)
        ID Serial Number            : 1E240 (HEX.)
        Week of Manufacture         : 48
        Year of Manufacture         : 2003
EDID Version, Revision
        Version                 : 1
        Revision                : 3
Basic Display Parameters/Features
        Video Input Definition  : Digital Video Input
                                  Compatible with VESA
                                  DFP 1.x
        Maximum H Image Size        : 64
        Maximum V Image Size        : 38
        Display Transfer Characteristic : 2.2 (gamma)
        Feature Support (DPMS)      : Standby
                                      Suspend
                                      Active Off
        Display Type            : RGB color display

Color Characteristics
        Red   X coordinate          : 0.631
        Red   Y coordinate          : 0.339
        Green X coordinate          : 0.282
        Green Y coordinate          : 0.597
        Blue  X coordinate          : 0.144
        Blue  Y coordinate          : 0.076
        White X coordinate          : 0.284
        White Y coordinate          : 0.295
Established Timings
        Established Timings I   : 640 x 480 @60Hz (IBM,VGA)
                                  800 x 600 @56Hz (VESA)
                                  800 x 600 @60Hz (VESA)
        Established Timings II  : 1024 x 768 @60Hz (VESA)
        Manufacturer's timings  :
Standard Timing Identification  : Unused
Detailed Timing #1
        Pixel Clock (MHz)           : 79.5
        H Active (pixels)           : 1280
        H Blanking (pixels)         : 384
        V Active (lines)            : 768
        V Blanking (lines)          : 30
        H Sync Offset (F Porch) (pixels) : 64
        H Sync Pulse Width (pixels)     : 128
        V Sync Offset (F Porch) (lines) : 3
        V Sync Pulse Width (lines)      : 7
        H Image Size (mm)           : 643
        V Image Size (mm)           : 386
        H Border (pixels)           : 0
        V Border (lines)            : 0
        Flags                       : Non-interlaced
                                    : Normal Display, No stereo
                                    : Digital Separate sync.
                                    : Positive Vertical Sync.
                                    : Negative Horizontal Sync.
Monitor Descriptor #2
        Serial Number               :  TY 123456
Monitor Descriptor #3
        Monitor Name                : Philips 300WN
Monitor Descriptor #4
        Monitor Range Limits
        Min. Vt rate Hz             : 56
        Max. Vt rate Hz             : 61
        Min. Horiz. rate kHz        : 31
        Max. Horiz. rate kHz        : 63
        Max. Supported Pixel        : 80
        No secondary GTF timing formula supported.
Extension Flag                  : 0
Check sum                       : BD (HEX.)

**************************************************************************
EDID data (128 bytes)
**************************************************************************

 0: 00   1: ff   2: ff   3: ff   4: ff   5: ff   6: ff   7: 00
 8: 41   9: 0c  10: 22  11: 08  12: 40  13: e2  14: 01  15: 00
16: 30  17: 0d  18: 01  19: 03  20: 81  21: 40  22: 26  23: 78
24: e8  25: b7  26: ee  27: a1  28: 56  29: 48  30: 98  31: 24
32: 13  33: 48  34: 4b  35: 23  36: 08  37: 00  38: 01  39: 01
40: 01  41: 01  42: 01  43: 01  44: 01  45: 01  46: 01  47: 01
48: 01  49: 01  50: 01  51: 01  52: 01  53: 01  54: 0e  55: 1f
56: 00  57: 80  58: 51  59: 00  60: 1e  61: 30  62: 40  63: 80
64: 37  65: 00  66: 83  67: 82  68: 21  69: 00  70: 00  71: 1c
72: 00  73: 00  74: 00  75: ff  76: 00  77: 20  78: 54  79: 59
80: 20  81: 31  82: 32  83: 33  84: 34  85: 35  86: 36  87: 0a
88: 20  89: 20  90: 00  91: 00  92: 00  93: fc  94: 00  95: 50
96: 68  97: 69  98: 6c  99: 69 100: 70 101: 73 102: 20 103: 33
104: 30 105: 30 106: 57 107: 4e 108: 00 109: 00 110: 00 111: fd
112: 00 113: 38 114: 3d 115: 1f 116: 3f 117: 08 118: 00 119: 0a
120: 20 121: 20 122: 20 123: 20 124: 20 125: 20 126: 00 127: a4
```

Repair Flow Chart


1.No Work / LED is off
Check if power switch is normal
No
Replace power switch
Yes
Check if AC adaptor output = 24V on 1102 and =16V on 1103
No
Replace Power board or go to troubleshoot power board.
Yes
Try to replace 7753 CPU or 7754 CPU□s flash ROM 7752 CPU□s EEPROM or 7701 Painter or 7722 Painter□s EEPROM
2.No raster / Picture too dim
Check if 1102 on power board Pin 1,2,3=24V Pin4=0~4.7V Pin5=3.3V
No
Check working voltage, backlight control signal and brightness control signal on scaler board
Yes
Check if inverter output = 738~1001Vrms 45K~75KHz
No
Replace LCD panel + Inverter PCB
3.No picture / LED is green
Check if working voltage 3V3, 2V5, 5V to 7402 JAGASM 7753 CPU 7754 CPU□S flash ROM 7752 CPU□s EEPROM 7701 Painter 7722 Painter□s EEPROM
No
Check circuit around each regulator and eliminate short and open situation 7001 pin2=5V 7008 pin3=2V5 7009 pin2=3V3
Yes
Check if clock source 1401 output 14MHz 1753 output 22MHz 1702 output 12MHz
No
Replace 1401, 1753 or 1702
Yes
Check if scaler 7402 output 48 bits TTL RGB, clk, H/V and DE signal
No
Try to replace 7753 CPU or 7754 CPU□s flash ROM 7752 CPU□s EEPROM or 7701 Painter or 7722 Painter□s EEPROM
Yes
Check resistors-network 3481~3486
No
Replace bad resistors-network 3481~3486
Yes
Replace LVDS cable
No
Replace LCD panel
4.No D-sub picture
Check if H/V signals input to Schmitt trigger 7203
No
Check input path from 1201 to 7203
Yes
Check if Schmitt trigger 7203 output H/V signals to JAGASM
No
Replace 7203
Yes
Go to 3. No picture / LED is green

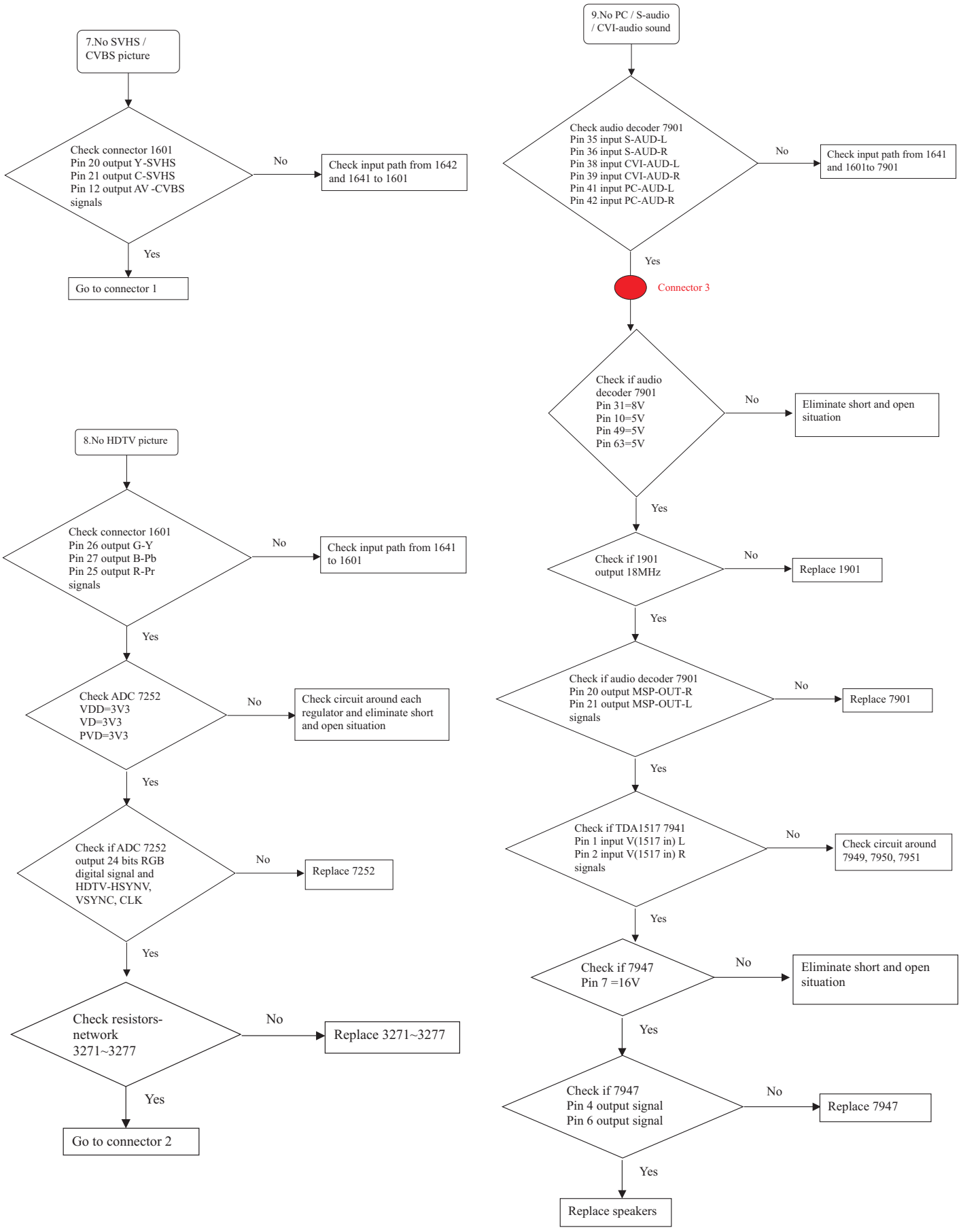
Repair Flow Chart

Go to cover page



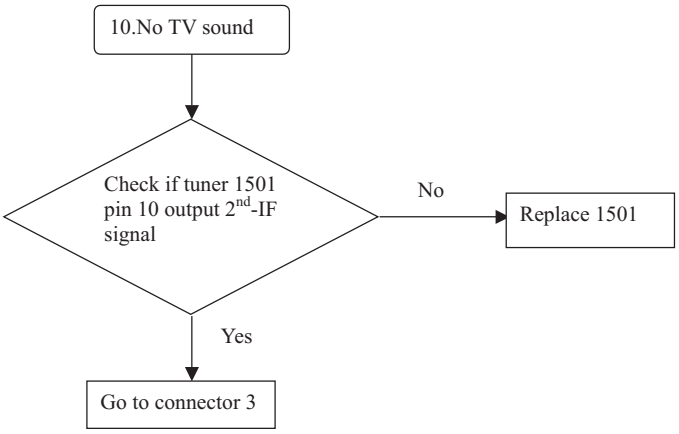
Repair Flow Chart

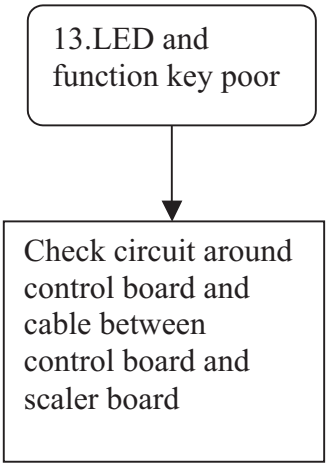
Go to cover page

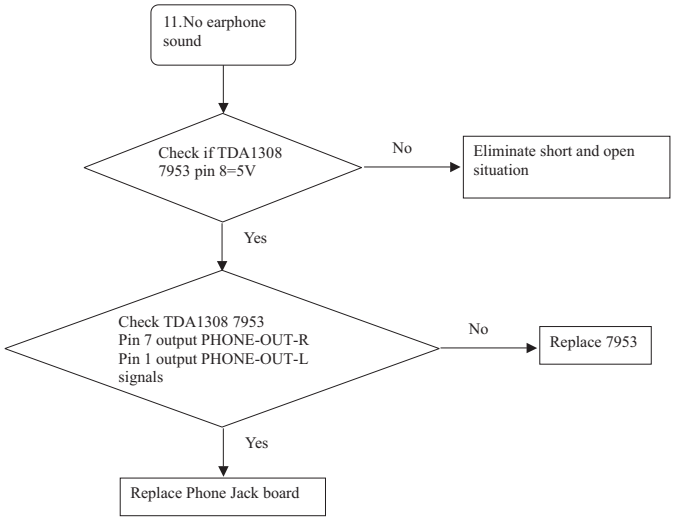


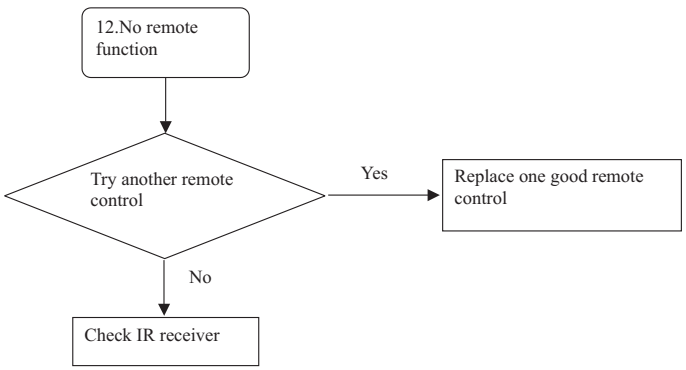
Repair Flow Chart

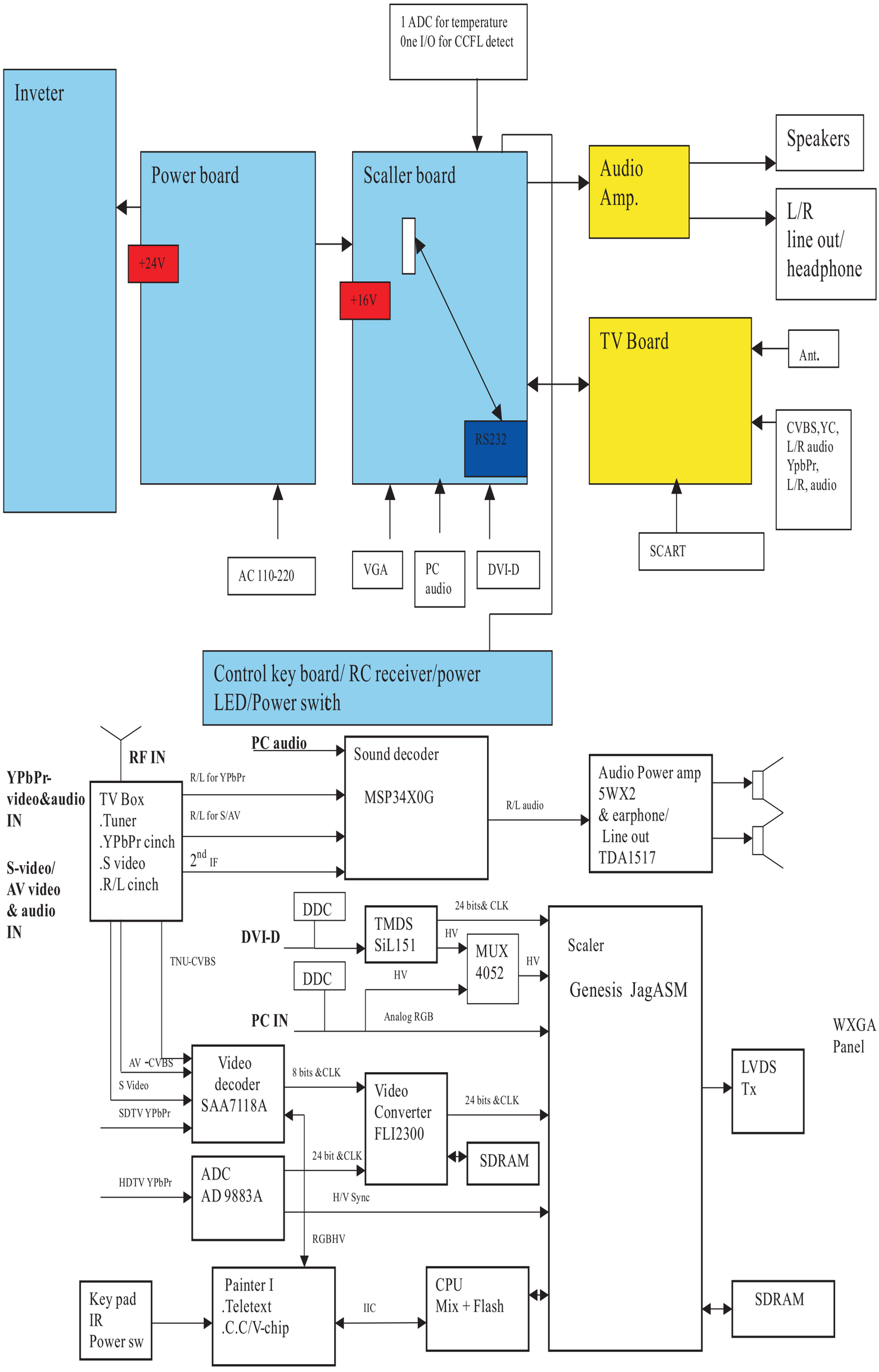
Go to cover page











Function Block Diagram

Power Diagram

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PHILIPS

A

MAIN PCB

SB: 59991 x1

PB: 59591

TO ADAPTER 1001 — F001 — 5007 BEAD — I25 — W > 4mm 1002 F7A SSQ7 — I1 16V — MT2 MT1 F002 — 2009 100n 50V — 2001 100n 50V

5002 7005 SI9433DY — U619 — U338 3019 — 3020 0R — +5 16V — 3022 4R7 2W — U161 — [R] 5003 — PAN-VCC

7011 LM217D2T — Vin Vout GND/ADJ — U160 — 2028 100n 50V — 3025 620R — 3024 5K1 — 3023 160R — U162 — U339 — 2029 100u 25

7010 LM2594M-ADJ — NC0 OUTPUT NC1 Vin NC2 GND FB ON_OFF — 16V — 3V3-STBY-ON — 3V3-STBY — U19 — U275 — 5013 100u — 3039 100R — U310 SFPJ-73V 6098 — 2097 100u 25 — U274 — 3041 1K5 — U309 — 3042 200R — 3043 1K

I20 — +5 — U621 — 3014 — 16V — 3015 47K — U618 — 3016 82K — U235 — U12 — PANEL-PWR-CTL — 3017 100K — 7004 BC848C — 3018 47K — 2021 10n — U73 — 3031 47K — U234 — 7012 BC848C — 3032 22K

16V — 3045 220K — 3V3-STBY-ON — U159 — 7013 BC848C — 3047 150K — 3046 100K — 2004 2n2 16

RESET-PAINTER — 3004 47K — POW-CON-SCALER — 3003 47K — I7 — 7002 BC848C — I24 — I10 — 16V — 3001 47K — 6001 BZX84-B16 — 3002 8K2 — 3009 22K — 7003 BC848C — 3005 47K — 3006 22K — 2026 10u — 2027 10u

7001 LM2596SX-5.0 — I13 — 5 ON/OFF — 220mV — 1 Vin — U239 — 4 FEEDBACK — R2 — R1=2.5K — CURRENT SOURCE BIAS — 1.235V REFERENCE — 2.5V REGULATOR — START UP — 2.5V — GM AMP — ACTIVE CAPACITOR — COMP. — FREQ. SHIFT — 150KHZ OSC. — LATCH — DRIVER — RESET — CURRENT LIMIT — COMP. — COMP. — 3A SWITCH — OP AMP — THERMAL LIMIT — OUTPUT 2 — GND1 3 — MT1 6

3.3V , R2 = 4.2 K
5V , R2 = 7.6 K
12V , R2 = 21.8 K
ADJ , R2 = 0 R
R1 = OPEN

2024 470u 25 — I12 — 2002 100n 50V — U75 — 2005 100n 16 — +5 — I23 — 3029 2R7 2W — U134 — 7006 LM217D2T — Vin Vout GND/ADJ — I9 — +1V8 — U620 — 3008 620R — 3007 270R — 2006 470u 25

I15 — 6002 SS34 — 5001 W > 4mm 68uH — I16 — 5011 BEAD — 2007 1000u 16 — 2013 100u 25 — U633 — +5 — +5T

+5 — 3037 0R82 1W — U625 — 7009 LD1085D2T33 — Vin Vout GND/ADJ — U82 — 2016 100n 16 — +3V3 — I18 — 2015 1000u 16

+5 — 3034 0R82 1W — 7008 LM217D2T — U133 — Vin Vout GND/ADJ — I27 — +2V5 — U132 — 3012 620R — 3011 620R — 2017 100n 16 — 2018 100u 25

5006 BEAD — +2V5I — 2011 10u 10 — (1)

5005 BEAD — +2V5II — I19 — 2014 10u 10 — U81 — (2)

1. Trace (except pin 5) both 7003 should be thick and short .

2. Keep loop area around IC very small .

3. All devices should be placed as close as possible to the IC .

Ref Des	Reserved
1001	242202605309
1002	242208611053 SSQ7 F7A
2001	223858619812 100n 50V
2009	223858619812 100n 50V
3014	319802131030
3019	232272461007
3031	212211805678 47K
3032	212211805674 22K
5002	313816874261
5003	313816874261
5007	243853598058
7012	933967310685 BC848C

I1 A4 — I7 C2 — I9 D5 — I10 C1 — I12 D4 — I13 D3 — I15 E4 — I16 E5 — I18 F7 — I19 F9 — I20 B4 — I23 C4 — I24 C1 — I25 A3 — I27 E8 — U12 B4 — U19 A9 — U73 C5 — U75 D4 — U81 F9 — U82 F6 — 1001 A2 — 1002 A3 — 2001 A3 — 2002 D4 — 2004 B1 — 2005 D4 — 2006 D5 — 2007 F5 — 2009 A2 — 2011 E9 — 2013 F5 — 2014 F9 — 2015 F7 — 2016 F6 — 2017 F7 — 2018 F8 — 2021 C5 — 2024 D4 — 2026 D3 — 2027 D3 — 2028 B6 — 2029 B7 — 2097 B9 — 3001 D1 — 3002 D1 — 3003 C1 — 3004 C1 — 3005 C2 — 3006 D3 — 3007 D5 — 3008 D5 — 3009 D2 — 3011 F8 — 3012 F8 — 3013 F3 — 3014 B4 — 3015 B4 — 3016 B4 — 3017 B4 — 3018 C4 — 3019 A4 — 3020 A4 — 3022 A6 — 3023 B6 — 3024 B6 — 3025 B7 — 3029 D4 — 3031 B5 — 3032 C6 — 3034 E7 — 3037 E6 — 3039 B8 — 3041 B8 — 3042 B8 — 3043 C7 — 3045 B1 — 3046 B1 — 3047 B1 — 5001 F4 — 5002 A5 — 5003 A6 — 5005 F9 — 5006 E9 — 5007 A3 — 5011 F5 — 5013 A9 — 6001 D1 — 6002 F4 — 6098 B9 — 7001 D1 — 7002 D2 — 7003 C2 — 7004 C4 — 7005 A5 — 7006 D5 — 7008 E8 — 7009 E6 — 7010 A8 — 7011 A6 — 7012 B6 — 7013 B2 — F001 A2 — F002 B2 — U132 F8 — U133 E8 — U134 D4 — U159 B2 — U160 A7 — U161 A6 — U162 B6 — U234 B6 — U235 B4 — U239 E1 — U274 B7 — U275 A9 — U309 B8 — U310 B9 — U338 A4 — U339 B7 — U618 B5 — U619 A6 — U620 D5 — U621 B4 — U625 F6 — U633 E5

EXCEPT 1001,2006,2007,2013,2029,2097,2015,2018,2024,3022,3029,3034,3037,5001,5007,5013 WERE CHIP COMPONENTS.

(1) " 000" ~ "049"

CHN TYT12-	SETNAME LMT-2 (30")		
CLASS_NO	POWER	3138 158 5914	1 --------
2003-12-19 3	300WN5BB/00		
NAME Chuang Kevin/Debby Tai	SUPERS. 14	130 - 1	A3
CHECK	DATE 2003-12-19	© KONINKLIJKE PHILIPS ELECTRONICS N.V. 2000	

I/O & Interface Diagram

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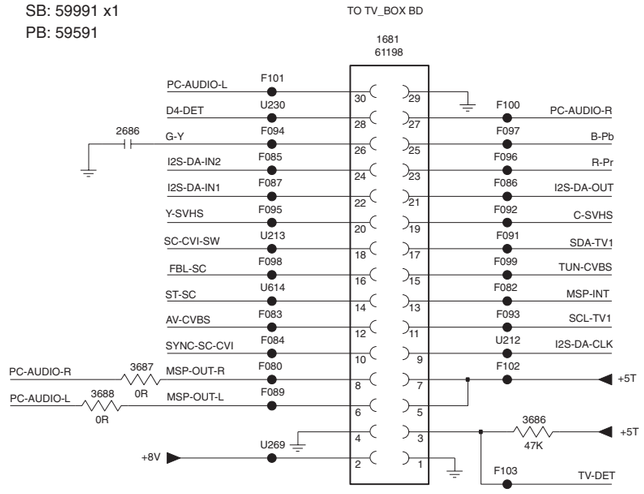
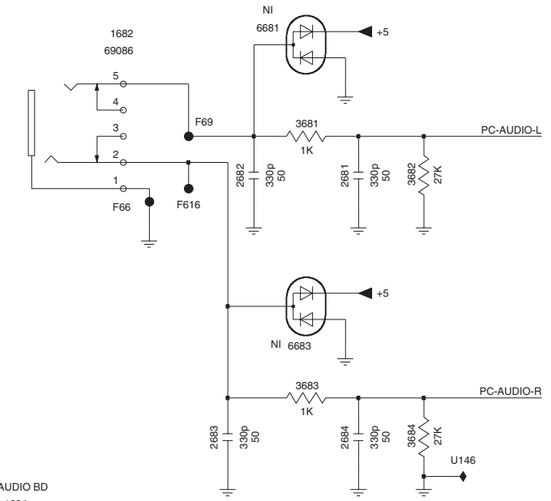
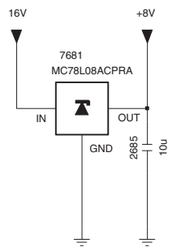
B

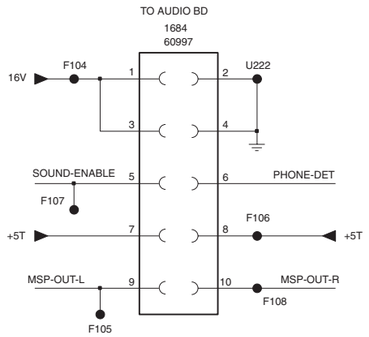
MAIN PCB

SB: 59991 x1
PB: 59591









EXCEPT 1681,1682,1684,7681 WERE CHIP COMPONENTS.

F66 B6
F69 B6
1681 A3
1682 A6
1684 D5
2681 B7
2682 B6
2683 D6
2684 D7
2685 E3
2686 B2
3681 B7
3682 B7
3683 C7
3684 D7
3686 C4
3687 C2
3688 C2
6681 A6
6683 C7
7681 D3
F080 C3
F082 C4
F083 C3
F084 C3
F085 B3
F086 B4
F087 B3
F089 C3
F091 B4
F092 B4
F093 C4
F094 B3
F095 B3
F096 B4
F097 B4
F098 B3
F099 B4
F100 B4
F101 A3
F102 C4
F103 D4
F104 D5
F105 E5
F106 E6
F107 E4
F108 E6
F616 B6
U146 D8
U212 C4
U213 B3
U222 D6
U230 B3
U269 C3
U614 C3

Ref Des	BASIC	NAFTA	VIDEO	WE
1681	NOT USED	823827713901 61198	823827713901 61198	823827713901 61198
2685	NOT USED	222224119876 10u	222224119876 10u	222224119876 10u
2686	NOT USED	223886715181	223886715181	223886715181
3687	212211805631 0R	NOT USED	NOT USED	NOT USED
3688	212211805631 0R	NOT USED	NOT USED	NOT USED
7681	NOT USED	933539650686 MC78L08ACPRA	933539650686 MC78L08ACPRA	933539650686 MC78L08ACPRA

(5) "681" ~ "699"

CHN TYT12- | SETNAME LMT-2 (30")

CLASS_NO

2003-12-19 3

I /O & INTERFACE

300WN5BB/00

3138 158 5914

1 --------

NAME Chuang Kevin/Debby Tai | SUPERS. | 14 | 130 - 2 | A3

CHECK | DATE 2003-12-19

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Video Decoder Diagram

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MAIN PCB

SB: 59991 x1

PB: 59591

7302
SAA7118E/V1

Ref Des	AP	NAFTA	WE
3303	NOT USED	NOT USED	212211805631 0R
3304	212211805631 0R	212211805631 0R	NOT USED

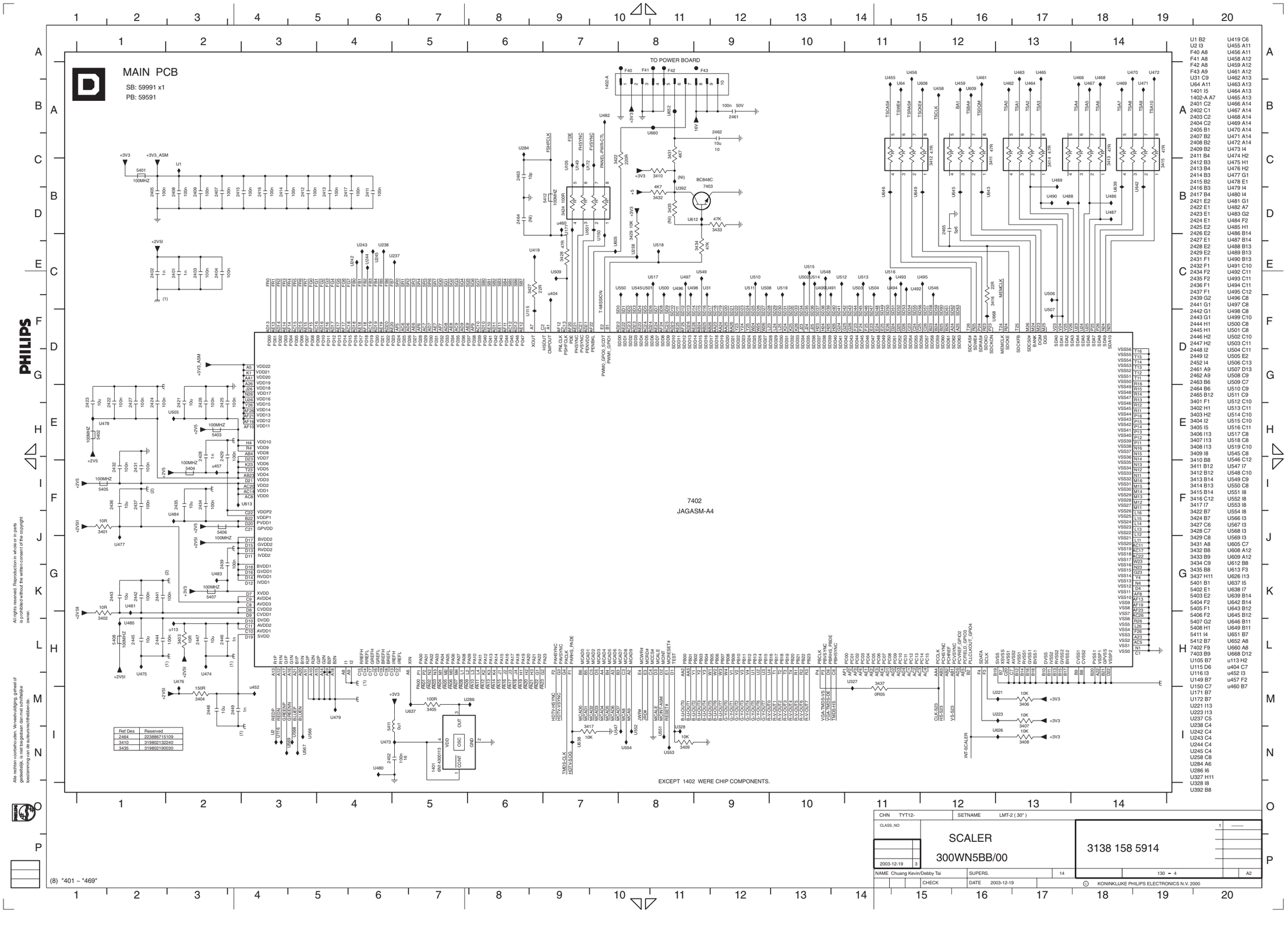
(6) "301" ~ "349"
C-"301" ~ "340"

* Delete this page for basic model

CHN TYT12-	SETNAME LMT-2 (30")		
CLASS_NO	VIDEO DECODER 300WN5BB/00	3138 158 5914	1 --------
2003-12-19 3			
NAME Chuang Kevin/Debby Tai	SUPERS. 14	130 - 3	A3
CHECK	DATE 2003-12-19	© KONINKLIJKE PHILIPS ELECTRONICS N.V. 2000	

U67 C2
U68 D2
1302 E7
2301 C2
2302 C2
2303 E2
2304 B2
2305 E2
2306 D2
2307 D2
2308 C2
2309 D2
2311 E2
2312 F2
2313 F2
2314 E2
2315 F2
2316 F3
2317 F3
2318 F4
2319 F4
2321 A5
2323 A6
2324 A6
2326 A4
2327 A5
2328 A6
2329 A5
2331 A6
2332 A6
2333 A6
2334 F7
2335 F7
3303 B1
3304 C2
3305 F2
3307 B3
3313 A7
3314 A8
3315 B8
3316 B8
3317 A9
3318 A9
3319 A9
3321 B9
3322 B9
3324 D9
3325 C9
3326 D9
3332 B3
5301 A5
5302 A6
5303 A6
5304 A4
7301 A4
7302 C6
I301 D4
I302 C9
I303 C9
I304 C9
I305 C9
I306 D9
I307 D9
I308 D9
I309 D9
I310 D9
I314 F4
I315 A6
I317 A8
I318 B8
I319 B8
I321 E8
I322 E7
I326 A7
I327 A5
I328 A5
I330 D3
I332 A6
I333 B8
I334 B3
I335 B8
I350 A4
II301 B9
II302 C2
II303 E4
II304 F2
II305 B8
U121 B4
U122 A7
U123 D8
U124 A7
U125 C8
U126 A7
U127 C8
U128 A7
U129 C8
U246 C8
U247 C8
U248 C8
U311 D8
U312 D2
U313 D2
U314 E2
U315 E2
U316 E2
U317 E2
U318 F2
U324 F2
U326 F4
U354 A8
U366 B2
U367 B2

Scaler Diagram



Ref Des	Reserved
2464	2238867715109
3410	3198021322 40
3435	3198021290030

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LVDS Tx Diagram

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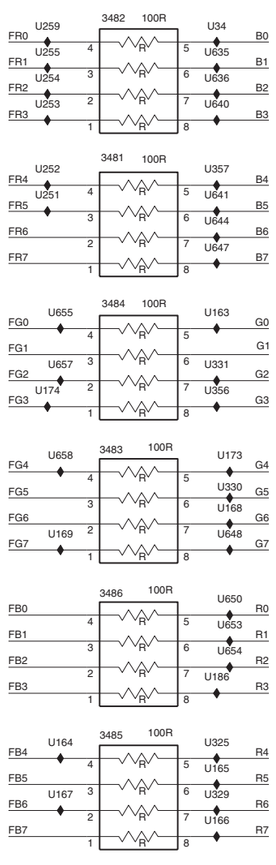
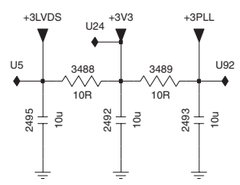
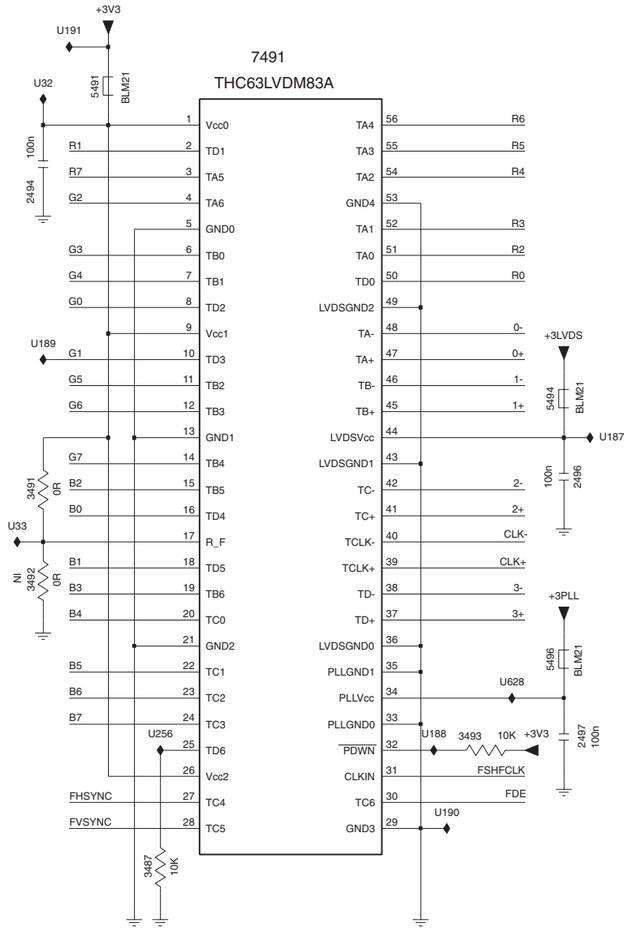
MAIN PCB

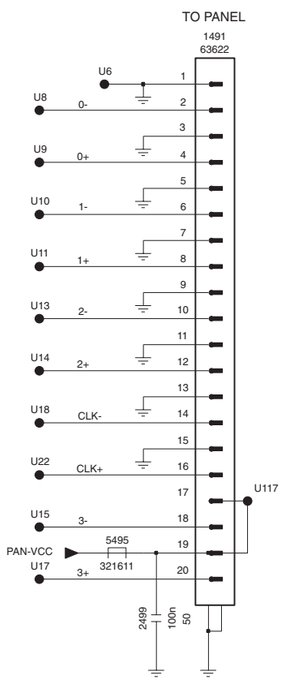
SB: 59991 x1

PB: 59591









U5 B3
U6 B8
U8 B8
U9 B8
U10 C8
U11 C8
U13 C8
U14 C8
U15 D8
U17 E8
U18 D8
U22 D8
U24 A3
U32 A4
U33 D4
U34 A2
U92 B4
1491 B9
2492 B4
2493 B4
2494 B4
2495 B3
2496 D7
2497 E7
2499 E9
3481 C2
3482 B2
3483 D2
3484 D2
3485 F2
3486 E2
3487 F5
3488 B3
3489 B4
3491 D4
3492 D4
3493 E7
5491 A5
5494 C7
5495 D8
5496 E7
7491 A6
U117 D9
U163 C2
U164 E2
U165 E2
U166 F2
U167 F2
U168 D3
U169 D2
U173 D3
U174 C2
U186 E2
U187 C8
U188 E7
U189 C4
U190 E7
U191 A5
U251 B2
U252 B2
U253 B2
U254 B2
U255 B2
U256 E5
U259 A2
U325 E2
U329 F2
U330 D3
U331 C2
U356 C2
U357 B2
U628 E7
U635 B2
U636 B2
U640 B2
U641 B2
U644 B2
U647 C2
U648 D3
U650 E3
U653 E3
U654 E3
U655 C2
U657 C2
U658 D2

Ref Des	Reserved
3492	212211805631 0R

"491"~"499"

R- "481"~"499"

CHN TYT12-		SETNAME LMT-2 (30")	
CLASS_NO	LVDS TX 300WN5BB/00	3138 158 5914	1 --------
2003-12-19 3			
NAME Chuang Kevin/Debby Tai	SUPERS. 14	130 - 5	A3
CHECK	DATE 2003-12-19	© KONINKLIJKE PHILIPS ELECTRONICS N.V. 2000	

SDRAM Diagram

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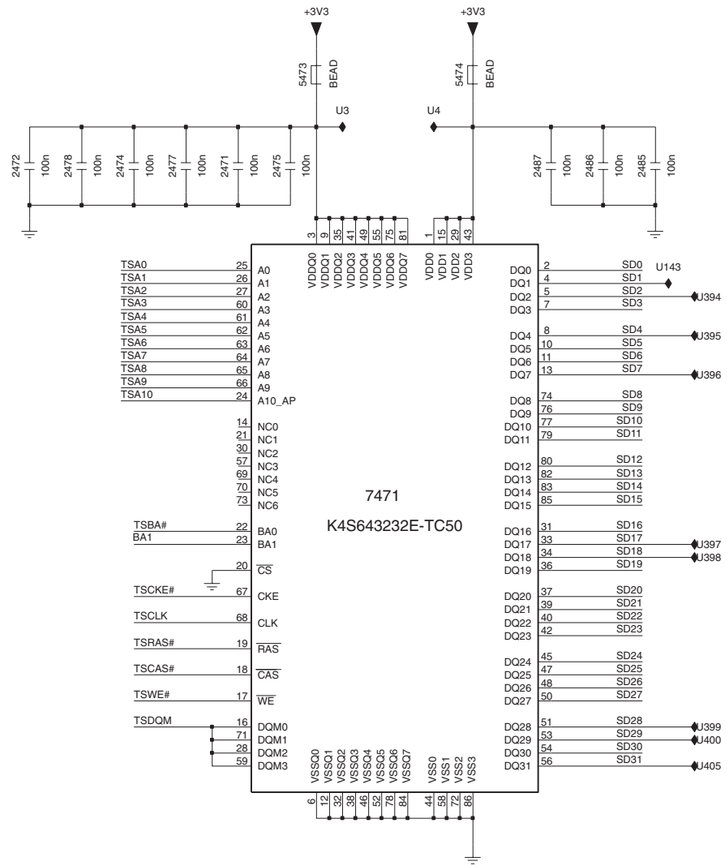
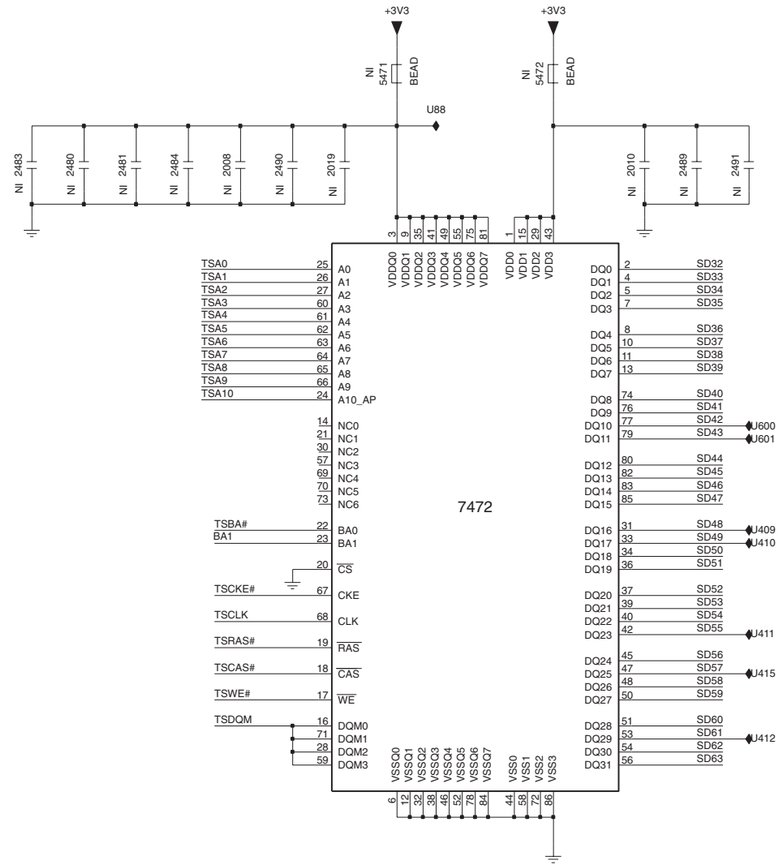
MAIN PCB

SB: 59991 x1

PB: 59591




+3V3
NI 5471 BEAD
NI 5472 BEAD
U88
NI 2483 NI 2480 NI 2481 NI 2484 NI 2008 NI 2490 NI 2019
NI 2010 NI 2489 NI 2491
7472
TSA0 TSA1 TSA2 TSA3 TSA4 TSA5 TSA6 TSA7 TSA8 TSA9 TSA10
TSBA# BA1
TSCKE# TSCLK TSRAS# TSCAS# TSWE# TSDQM
SD32 SD33 SD34 SD35 SD36 SD37 SD38 SD39 SD40 SD41 SD42 SD43 SD44 SD45 SD46 SD47 SD48 SD49 SD50 SD51 SD52 SD53 SD54 SD55 SD56 SD57 SD58 SD59 SD60 SD61 SD62 SD63
U600
U601
U409
U410
U411
U415
U412

U3 B3
U4 B3
U88 B8
2008 B6
2010 B9
2019 B7
2471 B2
2472 B1
2474 B2
2475 B2
2477 B2
2478 B1
2480 B6
2481 B6
2483 B5
2484 B6
2485 B4
2486 B4
2487 B4
2489 B9
2490 B7
2491 B9
5471 A7
5472 A8
5473 B3
5474 B3
7471 D3
7472 D8
U143 C5
U394 C5
U395 C5
U396 C5
U397 D5
U398 D5
U399 E5
U400 E5
U405 E5
U409 D9
U410 D9
U411 E9
U412 E9
U415 E9
U600 C9
U601 C9

Ref Des	Reserved
2008	223878615649
2010	223878615649
2019	223878615649
2480	223878615649
2481	223878615649
2483	223878615649
2484	223878615649
2489	223878615649
2490	223878615649
2491	223878615649
5471	313816874261
5472	313816874261
7472	932217603668

(9) "471" ~ "475"
C -"471" ~ "495"

CHN TYT12- | SETNAME LMT-2 (30")

CLASS_NO

2003-12-19 3

SDRAM

300WN5BB/00

3138 158 5914

1 --------

NAME Chuang Kevin/Debby Tai | SUPERS. | 14 | 130 - 6 | A3

CHECK | DATE 2003-12-19

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PC_Analog In Diagram

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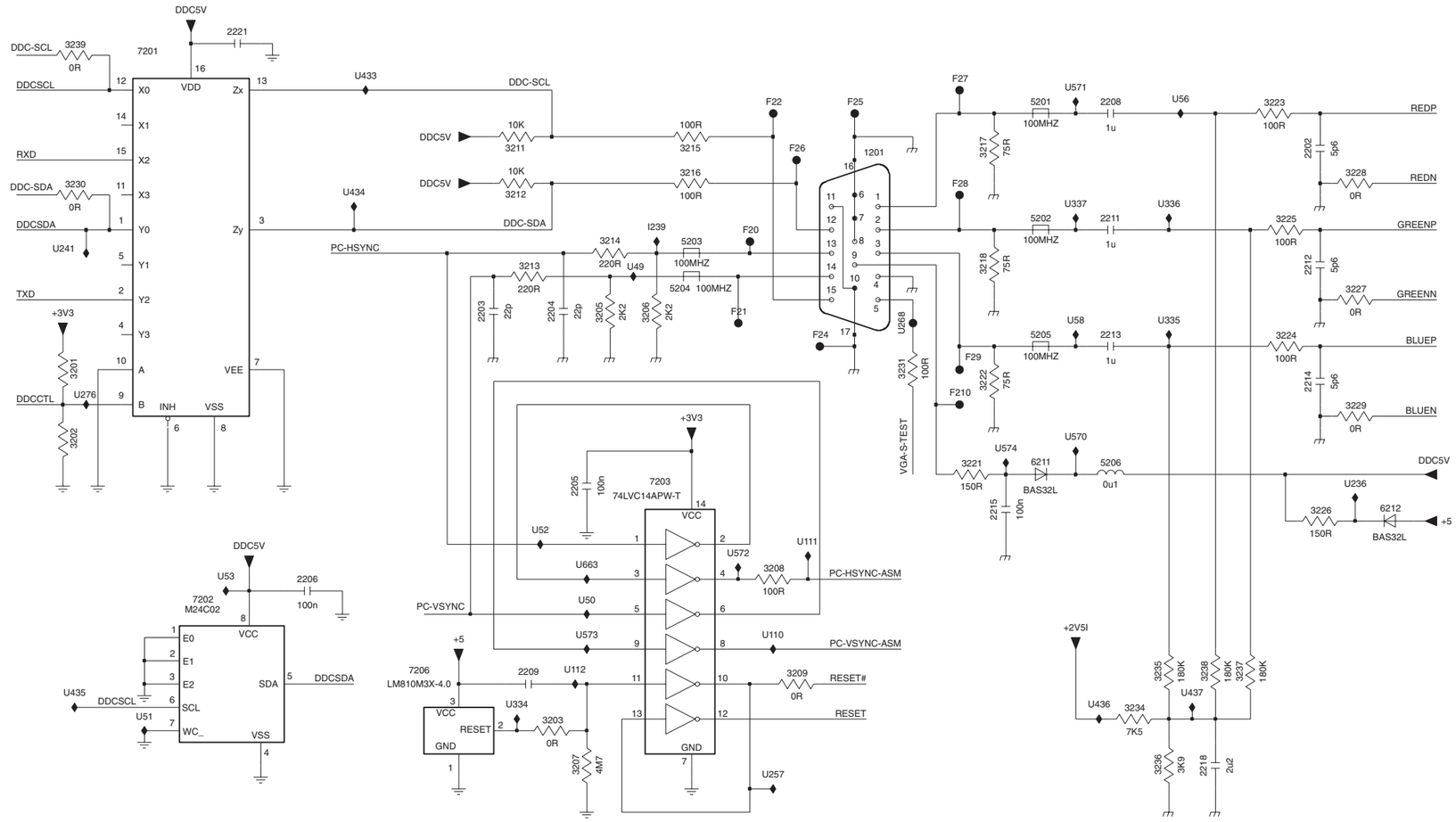
MAIN PCB

SB: 59991 x1

PB: 59591



EXCEPT 1201 WERE CHIP COMPONENTS.

Ref Des	Reserved
2209	222224119876
2221	223878615649
3201	319802134720
3202	319802134730
7201	933714830653

(3) "201" ~ "250"

CHN TYT12-		SETNAME LMT-2 (30")	
CLASS_NO	PC - ANALOG IN 300WN5BB/00	3138 158 5914	1 --------
2003-12-19 3			
NAME Chuang Kevin/Debby Tai	SUPERS. 14	130 - 7	A3
CHECK	DATE 2003-12-19	© KONINKLIJKE PHILIPS ELECTRONICS N.V. 2000	

Scaler_Up Diagram

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MAIN PCB

SB: 59991 x1

PB: 59591

7752 M24C16-WBN6 — WP-S, IICSCL, IICSDA

7753 MX10E8050XQC

7754 AT49LV002NT-90JC

7755 74LVC139PW-T

7751 74LVC373APW-T

EXCEPT 1751,1752,7752 WERE CHIP COMPONENTS.

Ref. Des	Reserved
1752	313816872041
3755	3138021900300 0K05
3759	2122118056310 0K
3767	2122118056431 100R
3771	2122118056310 0K
5751	313816874261

"751" ~ "799"

CHN	TYT12-
SETNAME	LMT-2 (30°)
CLASS_NO	
2003-12-19	3
SCALER_UP	
300WN5BB/00	
3138 158 5914	1 --------
NAME	Chuang Kevin/Debby Tai
SUPERS.	14
CHECK	
DATE	2003-12-19
130 - 8	A3

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U71 C8
1751 B3
1752 C3
1753 A4
2751 A9
2752 A6
2753 A4
2754 B4
2755 C9
2757 E3
3751 D3
3752 C4
3753 C4
3754 D4
3755 D4
3756 D4
3757 D5
3758 F7
3759 F7
3761 B4
3762 C4
3763 E4
3764 B4
3765 F9
3766 B3
3767 A4
3768 C4
3769 D4
3771 B3
3772 B3
5751 C2
5752 D2
7751 A9
7752 A1
7753 C6
7754 D8
7755 E2
F751 B3
F752 B3
F753 B2
F754 B2
F755 C3
F756 C3
I771 D4
I773 C4
U109 C4
U204 D2
U240 D4
U391 D9
U420 A4
U421 B5
U422 B4
U423 C5
U424 C4
U425 D4
U426 D4
U427 D5
U428 E5
U429 A7
U430 B7
U431 B7
U432 B7
U453 F3
U454 F1
U520 C7
U521 C7
U522 D7
U523 C5
U524 F7
U525 D9
U526 D9
U527 D7
U528 D7
U529 D7
U530 E9
U531 E9
U532 E9
U533 D7
U534 E7
U535 C5
U536 C5
U537 C7
U538 A4
U543 D7
U555 B4
U575 C7
U576 D9
U577 D9

Video Converter Diagram

MAIN PCB

SB: 59991 x1

PB: 59591

7351

FLI2300-AB

7352

HY57V643220CT-6

Ref Des	Reserved
2375	223878615649
2376	222224119876
2377	222224119876
2378	223878615649
2379	223878615649
3353	2122118056691 10K
3358	2122118056691 10K
3365	319802131810
3366	319802190030
3388	319802137590
3389	319802137590
3391	319802137590
3393	2122118056311 0R

TP1 A6
U25 E12
U26 D10
U27 G13
U28 H1
U29 G7
U30 H6
U36 E7
U38 D8
U39 D8
1351 G2
2338 I13
2339 I14
2342 I13
2343 I13
2345 H13
2346 I12
2347 H13
2352 H1
2353 H1
2354 H2
2355 H2
2356 G2
2357 H2
2358 G3
2359 H3
2361 I1
2362 I1
2363 I2
2364 I2
2365 I2
2366 H3
2367 H3
2368 H3
2369 H4
2371 I3
2372 I3
2373 I3
2374 I3
2375 H6
2376 H6
2377 H7
2378 I7
2379 H7
2382 A10
2383 A10
2384 A11
2385 A11
2386 A11
2387 A11
2388 A12
2389 A12
2392 A13
2393 A14
2394 A14
2395 H12
2396 G12
2397 H12
3350 D2
3351 B1
3352 D2
3353 D2
3354 E2
3355 B1
3356 E2
3357 E2
3358 D2
3361 G1
3362 G1
3363 G1
3364 G2
3365 H6
3366 I6
3368 G8
3369 H3
3371 E8
3372 E10
3373 F10
3374 G10
3375 H10
3376 H10
3377 I10
3381 D11
3382 D11
3384 A7
3385 A7
3388 I6
3389 I6
3391 I6
3393 A7
5351 H1
5352 F12
5353 H12
5354 I12
5355 A12
5356 A13
5357 I1
7351 D5
7352 C13
I354 B11
I356 B11
I358 B11
I370 B11
I371 C11
I395 H7
I396 I1
II345 G2
II346 G2
II347 H7
II366 E9
II377 H10
II388 H10
II399 I10
U103 A7
U104 D12
U106 H5
U107 E13
U108 I7
U131 A5
U135 A7
U210 A5
U220 A7
U340 A7
U343 E10
U344 E10
U345 F10
U346 G10
U349 H11
U350 D14
U351 I11
U352 H6
U353 H6
U358 F10
U359 D14
U360 D14
U361 H6
U368 B11
U369 B11
U370 C14
U371 C14
U372 H11
U373 H11
U374 H11
U375 H11
U376 G11
U377 G11
U378 G11
U379 G11
U380 E11
U382 F11
U383 F11
U384 F11
U385 F11
U386 I11
U387 I12
U388 F12
U389 F11
U390 F11
U393 B11
U406 A8
U407 A8
U408 A8
U413 A8
U438 A12
U439 A13
U440 B14
U441 E12
U442 E12
U443 D11
U444 C11
U445 B14
U446 B14
U447 C14
U448 C14
U449 C14
U450 C14
U451 C14
U539 D12
U540 E2
U541 C14
U542 E11
U556 B8
U557 C8
U558 C9
U559 C8
U560 C8
U561 C9
U562 C8
U563 C8
U564 D8
U565 D8
U578 E2
U579 E2
U580 E2
U581 E2
U606 I11
U607 C14
U632 C14
U656 D14
U659 B14
U662 H11
U664 G10

*Delete this page for basic model

"351" ~ "399"
C -"341" ~ "399"

CHN TYT12-	SETNAME LMT-2 (30°)		
CLASS_NO	VIDEO_CONVERTER 300WN5BB/00	3138 158 5914	1 --------
2003-12-19 3			
NAME Chuang Kevin/Debby Tai	SUPERS. 14	130 - 9	A2
CHECK	DATE 2003-12-19		

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HDTV Decoder Diagram

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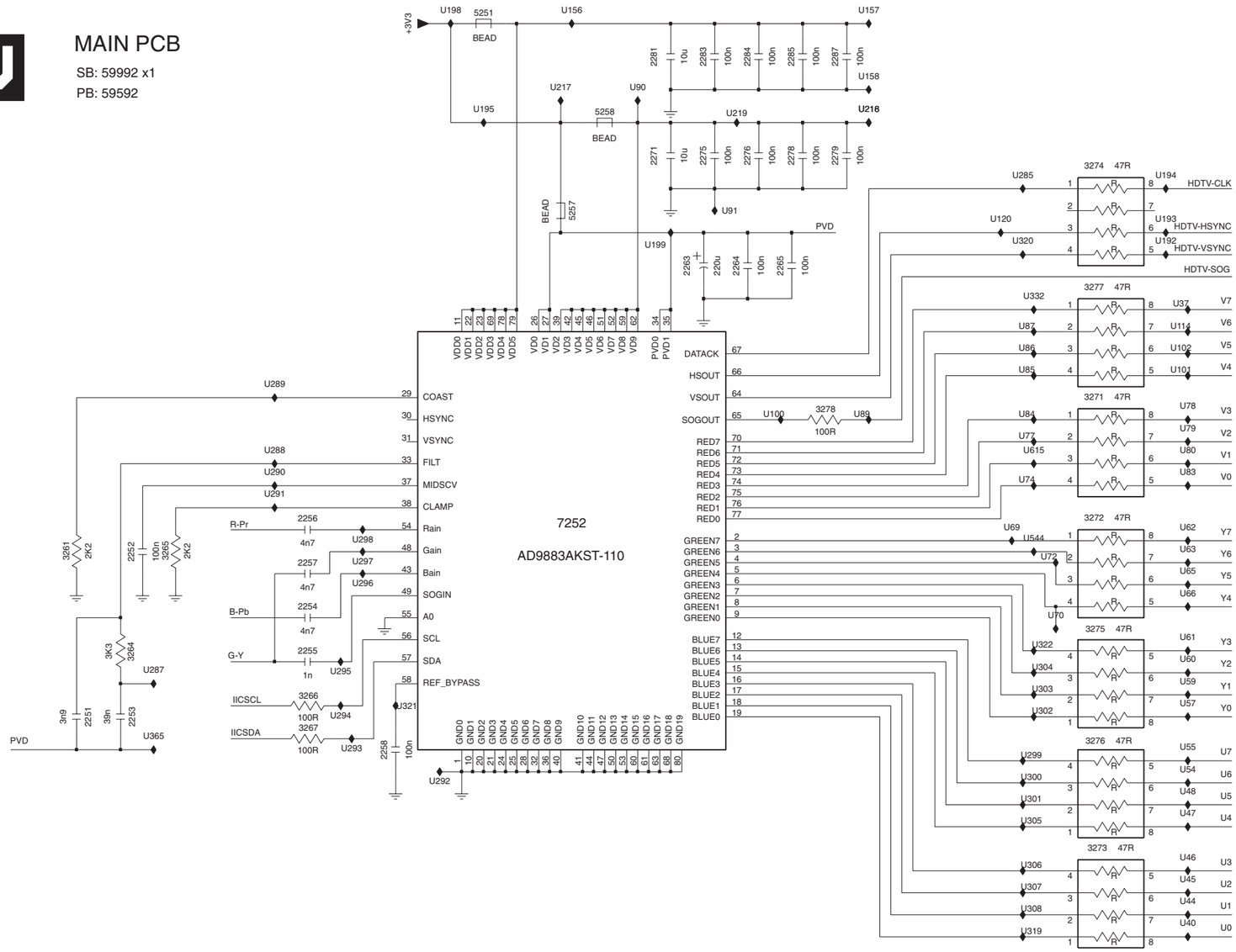
MAIN PCB

SB: 59992 x1

PB: 59592



U37	B9	U156	A5
U40	F9	U157	A7
U44	F9	U158	A7
U45	F9	U192	B9
U46	F9	U193	B9
U47	F9	U194	B9
U48	F9	U195	A4
U54	E9	U198	A4
U55	E9	U199	B5
U57	E9	U216	A7
U59	E9	U217	A5
U60	E9	U218	A7
U61	E9	U219	A6
U62	D9	U285	B8
U63	D9	U287	E2
U65	D9	U288	C3
U66	D9	U289	C3
U69	D8	U290	C3
U70	D8	U291	D3
U72	D8	U292	E4
U74	D8	U293	E3
U77	C8	U294	E3
U78	C9	U295	E3
U79	C9	U296	D4
U80	C9	U297	D4
U83	C9	U298	D4
U84	C8	U299	E8
U85	C8	U300	E8
U86	C8	U301	F8
U87	C8	U302	E8
U89	C7	U303	E8
U90	A5	U304	E8
U91	B6	U305	F8
2251	E2	U306	F8
2252	D2	U307	F8
2253	E2	U308	F8
2254	D3	U319	F8
2255	E3	U320	B8
2256	D3	U321	E4
2257	D3	U322	E8
2258	E4	U332	B8
2263	B6	U365	E2
2264	B6	U544	D8
2265	B6	U615	C8
2271	A5		
2275	A6		
2276	A6		
2278	A6		
2279	A7		
2281	A5		
2283	A6		
2284	A6		
2285	A6		
2287	A7		
3261	D2		
3264	E2		
3265	D2		
3266	E3		
3267	E3		
3271	C8		
3272	D8		
3273	F8		
3274	A8		
3275	D8		
3276	E8		
3277	B8		
3278	C7		
5251	A4		
5257	B5		
5258	A5		
7252	D5		
U100	C6		
U101	C9		
U102	C9		
U114	C9		
U120	B8		

*Delete this page for basic model

"251" ~ "299"

CHN	TYT12-4309,4310	SETNAME	LMT-2 (30")
CLASS_NO		HDTV - DECODER	
		300WN5BB/00	
2003-12-19	3	3138 158 5914	
NAME	Chuang Kevin/Debby Tai	SUPERS.	14
	CHECK	DATE	2003-12-03

1 2004-02-19

130 - 10 A3

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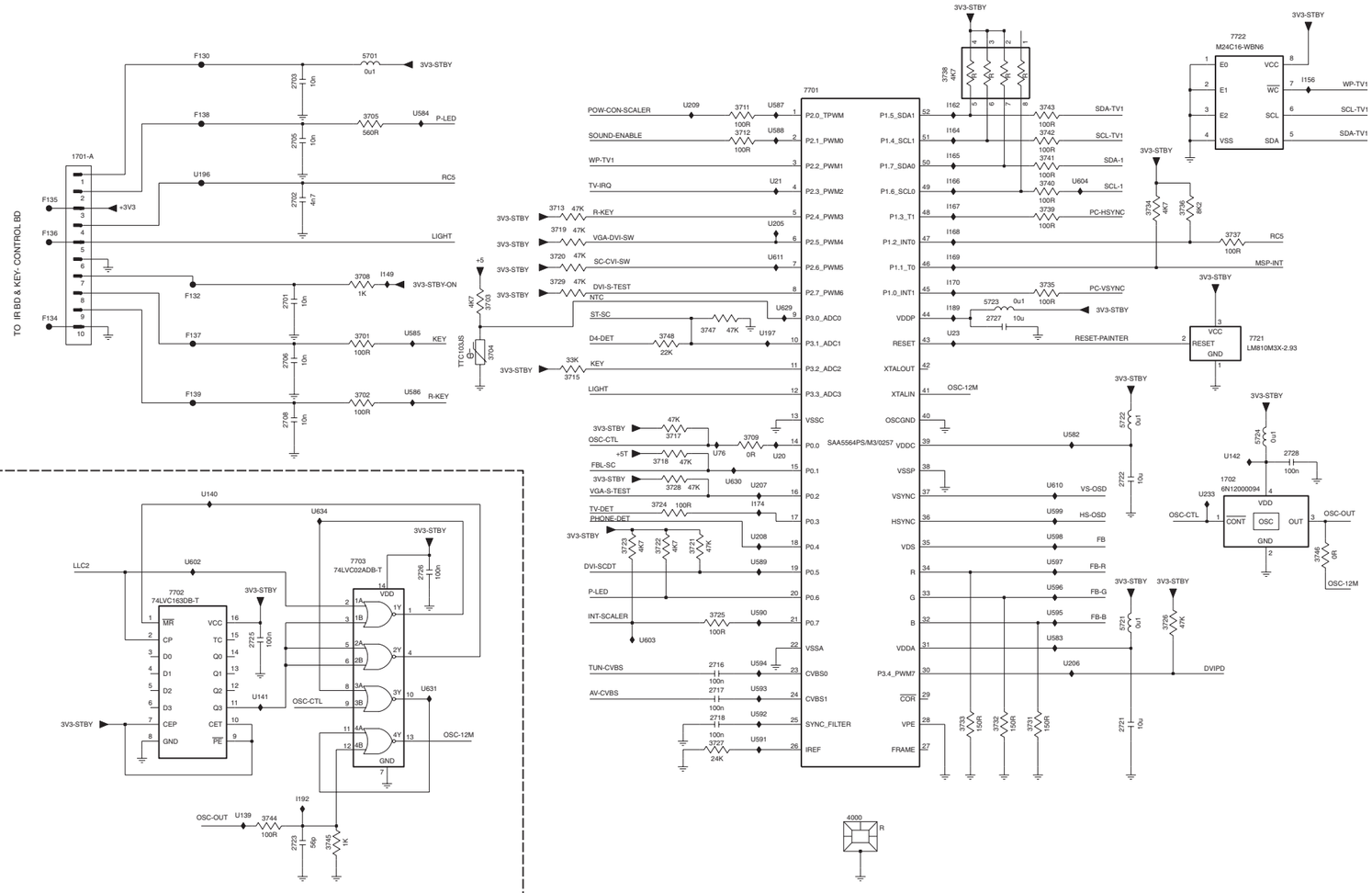
Painter Diagram

Go to cover page

MAIN PCB

SB: 59991 x1

PB: 59591



U20 E8
U21 C8
U23 D10
U76 E8
1701-A C2
1702 E12
2701 D4
2702 C4
2703 B4
2705 B4
2706 D4
2708 E4
2716 G8
2717 G8
2718 G8
2721 G11
2722 E11
2723 H4
2725 G4
2726 F5
2727 D10
2728 E12
3701 D5
3702 E5
3703 D6
3704 D6
3705 B5
3708 D5
3709 E8
3711 B8
3712 B8
3713 C6
3715 D6
3717 E7
3718 E7
3719 C6
3720 C6
3721 F7
3722 F7
3723 F7
3724 E7
3725 F8
3726 F11
3727 G8
3728 E7
3729 D6
3731 G10
3732 G10
3733 G10
3734 C11
3735 D10
3736 C12
3737 C12
3738 B10
3739 C10
3740 C10
3741 C10
3742 B10
3743 B10
3744 H4
3745 H4
3746 F13
3747 D8
3748 D7
4000 H9
5701 B5
5721 F11
5722 E11
5723 D10
5724 E12
7701 B8
7702 F3
7703 F5
7721 D12
7722 B12
F130 B3
F132 D3
F134 D2
F135 C2
F136 C2
F137 D3
F138 B3
F139 E3
I149 D5
I156 B13
I162 B10
I164 B10
I165 C10
I166 C10
I167 C10
I168 C10
I169 C10
I170 D10
I174 E8
I189 D10
I192 H4
U139 H4
U140 E3
U141 G4
U142 E12
U196 C3
U197 D8
U205 C8
U206 G11
U207 E8
U208 F8
U209 B7
U233 E12
U582 E11
U583 G10
U584 B5
U585 D5
U586 E5
U587 B8
U588 B8
U589 F8
U590 F8
U591 G8
U592 G8
U593 G8
U594 G8
U595 F10
U596 F10
U597 F10
U598 F10
U599 F10
U602 F3
U603 G7
U604 C11
U610 E10
U611 C8
U629 D8
U630 E8
U631 G5
U634 F4

Ref Des	BASIC	NAFTA	VIDEO	WE
2723	NOT USED	NOT USED	NOT USED	202055294421 56p
2725	NOT USED	NOT USED	NOT USED	223878615649 100n
2726	NOT USED	NOT USED	NOT USED	223878615649 100n
3709	NOT USED	NOT USED	NOT USED	212211805631 0R
3744	NOT USED	NOT USED	NOT USED	212211805643 100R
3745	NOT USED	NOT USED	NOT USED	212211805656 1K
3746	212211805631 0R	212211805631 0R	212211805631 0R	NOT USED
7702	NOT USED	NOT USED	NOT USED	935210550118 74LVC163DB-T
7703	NOT USED	NOT USED	NOT USED	935250000118 74LVC02ADB-T

Ref Des	Reserved
3747	212211805678 47K
3748	212211805674 22K

090 ~ 099
701 ~ 749

CHN TYT12-	SETNAME LMT-2 (30")		
CLASS_NO	Painter 300WN5BB/00	3138 158 5914	1 --------
2003-12-19 3			
NAME Chuang Kevin/Debby Tai	SUPERS. 14	130 ~ 11	A2
CHECK	DATE 2003-12-19		

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PC DVI_Digital Diagram

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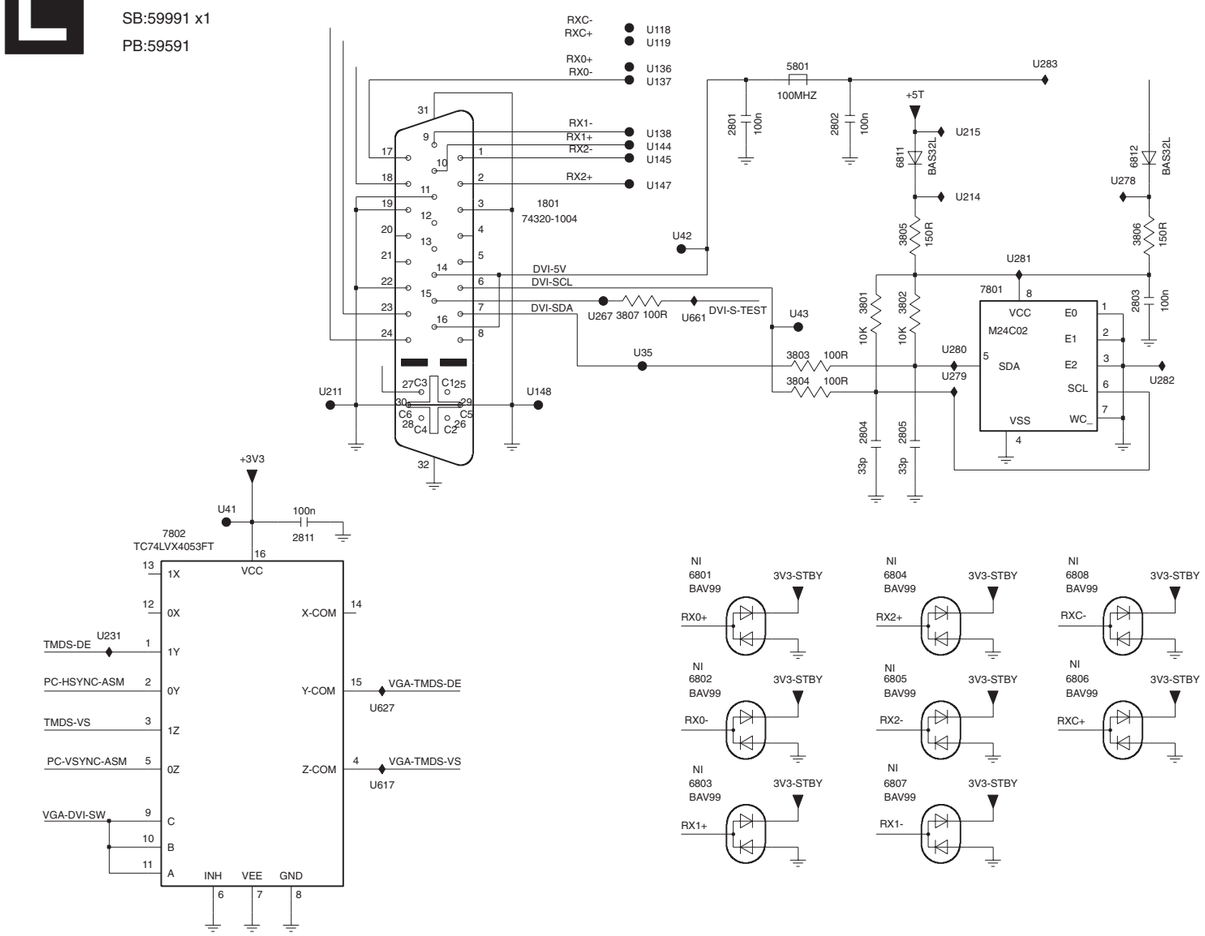
MAIN PCB
SB:59991 x1
PB:59591



EXCEPT 1801 WERE CHIP COMPONENTS.

Ref Des	Reserved
6801	9332153702 15 BAV99
6802	9332153702 15 BAV99
6803	9332153702 15 BAV99
6804	9332153702 15 BAV99
6805	9332153702 15 BAV99
6806	9332153702 15 BAV99
6807	9332153702 15 BAV99
6808	9332153702 15 BAV99

U35 B5
U41 C2
U42 B5
U43 B5
1801 B4
2801 A5
2802 A6
2803 B7
2804 C6
2805 C6
2811 C3
3801 B6
3802 B6
3803 B5
3804 C5
3805 B6
3806 B7
3807 B5
5801 A5
6801 D5
6802 D5
6803 E5
6804 D6
6805 D6
6806 D7
6807 E6
6808 D7
6811 A6
6812 A7
7801 B7
7802 C2
U118 A5
U119 A5
U136 A5
U137 A5
U138 A5
U144 A5
U145 A5
U147 B5
U148 C4
U211 C3
U214 B6
U215 A6
U231 D2
U267 B4
U278 A7
U279 C6
U280 B6
U281 B7
U282 C7
U283 A7
U617 E3
U627 D3
U661 B5

CHN TYT12-		SETNAME LMT-2 (30")	
CLASS_NO	PC DVI_Digital 300WN5BB/00	3138 158 5914	1 --------
2003-12-19 3			
NAME Chuang Kevin/Debby Tai	SUPERS. 14	130 - 12	A3
CHECK	DATE 2003-12-19	© KONINKLIJKE PHILIPS ELECTRONICS N.V. 2000	

801 ~830

TMDS_Rx Diagram

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MAIN PCB

SB:59991 x1

PB:59591

7842

Sil151BCT100

EXCEPT 2855 WERE CHIP COMPONENTS.

Ref Des	Reserved
3842	319802134720 4K7
3843	319802134720 4K7
3845	319802131030 10K
3851	319802134720 4K7
3853	319802131030 10K
3855	319802190030
3856	319802190030
3858	319802190030
3867	319802190030
7843	tra_NDC7002N NDC7002N_t
7845	932219334685 LM810M3_t

U0 A6
U7 A6
U16 F7
U93 F6
U94 D4
U95 A7
U96 B5
U97 B7
U98 B7
U99 B7
2841 B1
2842 B1
2843 B1
2844 B1
2845 B2
2846 B2
2847 B2
2848 B2
2849 B3
2851 B3
2852 B3
2853 B4
2855 F3
2856 E1
2857 F1
2858 F1
2861 B8
2862 B8
2863 A6
2864 B8
3841 B4
3842 D2
3843 D2
3844 D3
3845 D3
3846 C4
3847 C4
3848 D4
3849 D4
3851 D3
3852 E3
3853 E4
3854 F4
3855 E7
3856 E7
3858 F7
3861 A7
3862 A7
3863 B7
3864 B7
3865 B7
3867 E7
3868 F3
5842 E1
5843 E1
5844 F1
7842 D6
7843 D2
7845 E4
U170 F5
U175 D5
U176 B3
U177 B2
U178 B1
U179 B4
U180 C7
U181 C7
U182 E1
U183 E5
U184 F4
U185 E4
U260 B8
U261 A8
U263 A7
U264 A7
U265 B7
U266 B7
U277 B8
U401 B7
U402 C7
U403 C7
U414 B7
U622 D5
U623 E4
U624 D5

CHN TYT12-		SETNAME LMT-2 (30°)	
CLASS_NO	TMDS _ Rx	3138 158 5914	1 --------
2003-12-19 3	300WN5BB/00		
NAME Chuang Kevin/Debby Tai	SUPERS.	14	130 - 13 A3
CHECK	DATE 2003-12-19		

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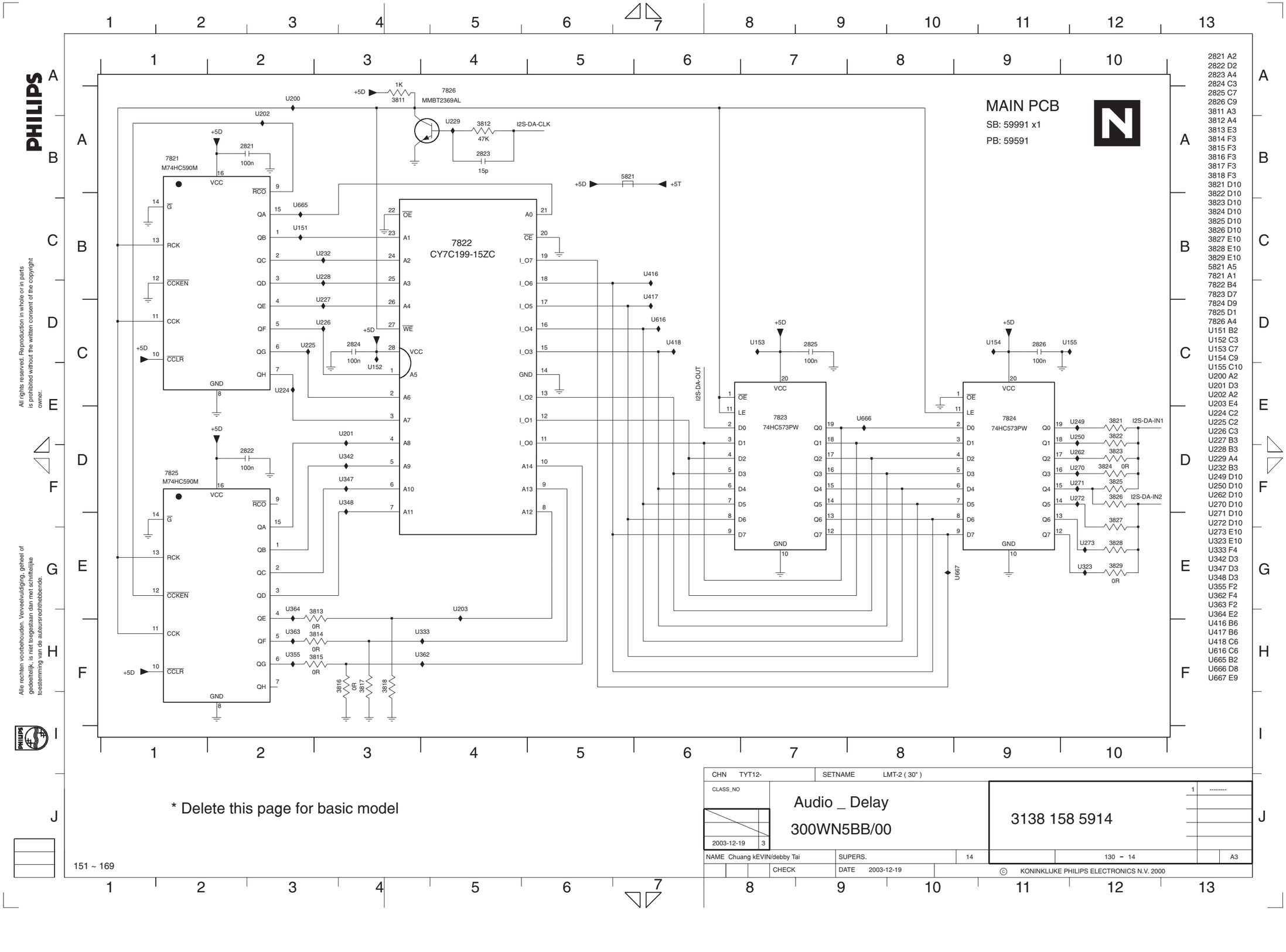
Audio Delay Diagram



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* Delete this page for basic model

CHN TYT12-	SETNAME LMT-2 (30")		
CLASS_NO	Audio _ Delay	3138 158 5914	1 --------
2003-12-19 3	300WN5BB/00		
NAME Chuang kEVIN/debby Tai	SUPERS. 14	130 - 14	A3
CHECK	DATE 2003-12-19	© KONINKLIJKE PHILIPS ELECTRONICS N.V. 2000	

151 ~ 169

Audio Board Diagram-1

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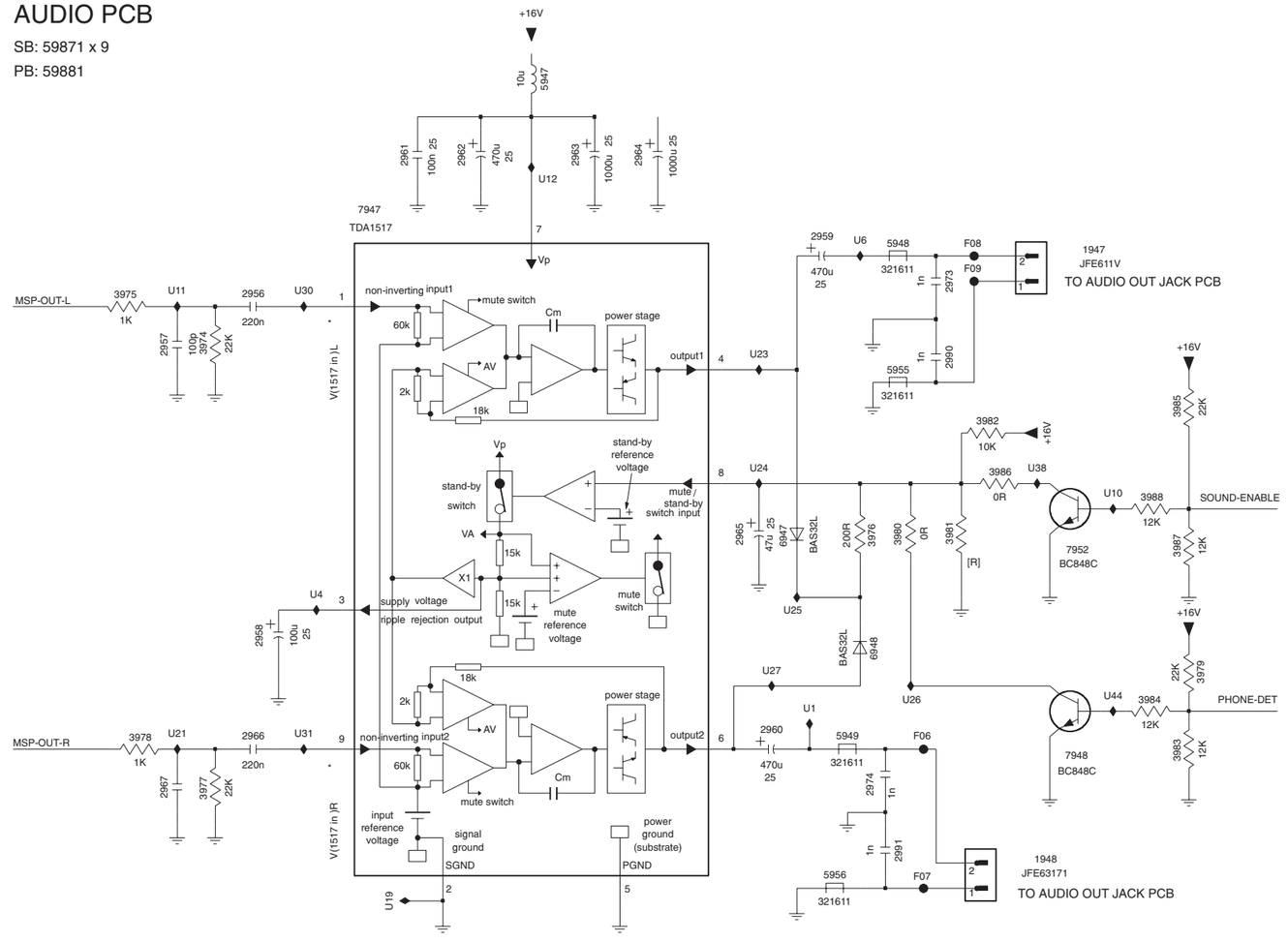
PHILIPS

A

AUDIO PCB

SB: 59871 x 9

PB: 59881



EXCEPT 1947,1948,2958,2959,2960,2962,2963,2964,2965,5947,7947 WERE CHIP COMPONENTS.

U1 D6
U4 D3
U6 B6
F06 D6
F07 E6
F08 B7
F09 B7
U10 C7
U11 B2
U12 A4
U19 E3
U21 D2
U23 B5
U24 C5
U25 D6
U26 D6
U27 D5
U30 B3
U31 D3
U38 C7
U44 D7
1947 A7
1948 E7
2956 B3
2957 B2
2958 D3
2959 B6
2960 D5
2961 A3
2962 A4
2963 A4
2964 A5
2965 C5
2966 D3
2967 E2
2973 B6
2974 E6
2990 B6
2991 E6
3974 B2
3975 B2
3976 C6
3977 E2
3978 D2
3979 D8
3980 C6
3981 C6
3982 C7
3983 E8
3984 D8
3985 C8
3986 C7
3987 C8
3988 C8
5947 A4
5948 B6
5949 D6
5955 B6
5956 E6
6947 C6
6948 D6
7947 A3
7948 E7
7952 C7

CHN	TYT12-4309,4310	SETNAME	LMT-2 (30")
CLASS_NO		AUDIO BOARD	3138 158 5506
		300WN5BB/00	1 2004-02-19
2003-12-19	3		
NAME	Keviv Chuang /Debby Tai	SUPERS.	2
		CHECK	
		DATE	2003-12-19

130 - 1 A3

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*947.....9999

Audio Board Diagram-2

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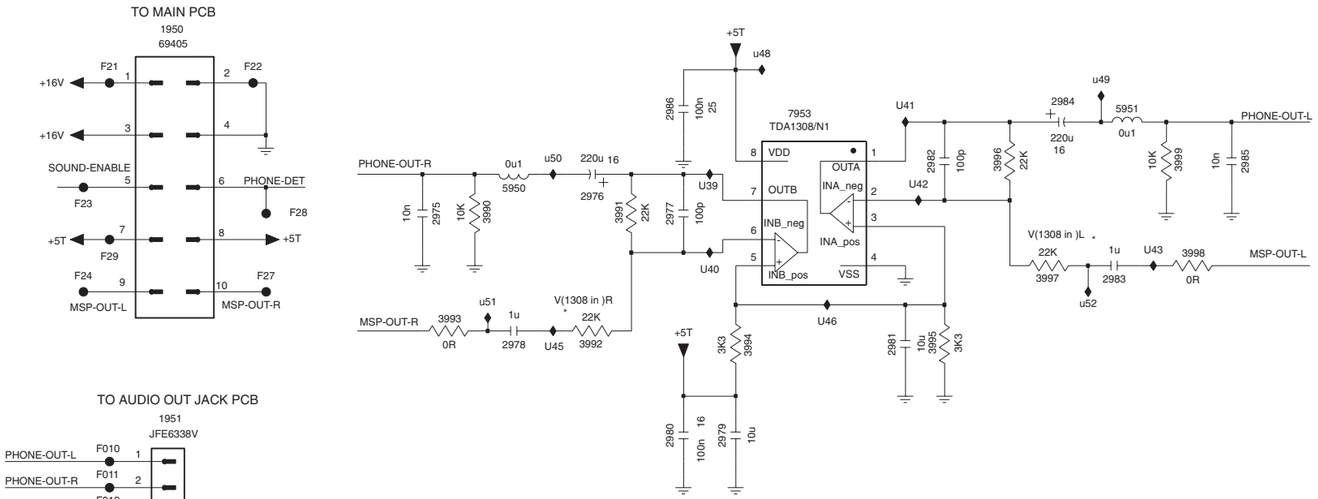
AUDIO PCB

SB: 59871x 9
PB: 59881



EXCEPT 1950,1951,2976,2984,7953 WERE CHIP COMPONENTS.

F21 B2
F22 B2
F23 C1
F24 C1
F27 C2
F28 C3
F29 C2
U39 C5
U40 C5
U41 B6
U42 C6
U43 C7
U45 C4
U46 C6
u48 B5
u49 B7
u50 B4
u51 C4
u52 C7
1950 B2
1951 D2
2975 C3
2976 C4
2977 C5
2978 C4
2979 D5
2980 D5
2981 C6
2982 B6
2983 C7
2984 B7
2985 B8
2986 B5
3990 C4
3991 C4
3992 C4
3993 C3
3994 C5
3995 C6
3996 B6
3997 C7
3998 C8
3999 B7
5950 C4
5951 B7
7953 B5
F010 D2
F011 D2
F012 D2
F013 D2
F014 E2

CHN TYT12-	SETNAME LMT-2 (30°)		
CLASS_NO	AUDIO BOARD 300WN5BB/00	3138 158 5506	1 --------
2003-12-19 3			
NAME Chuang Chuang/Debby Tai	SUPERS. 2	130 – 2	A3
CHECK	DATE 2003-12-19	© KONINKLIJKE PHILIPS ELECTRONICS N.V. 2000	

Go to cover page

Key Control Board Diagram and C.B.A.

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F1 B3 F2 B3 F3 B3 F4 B3 1086 B3 1087 D1 1088 D1 1089 D2 1090 B1 1091 D3 1092 D3 1093 D4 2091 B2 2093 B4 2094 B4 3086 C1 3087 C1 3088 C2 3089 C3 3091 C4 6086 B2

KEY CONTROL PCB

SB : 59181 x32
PB : 59191

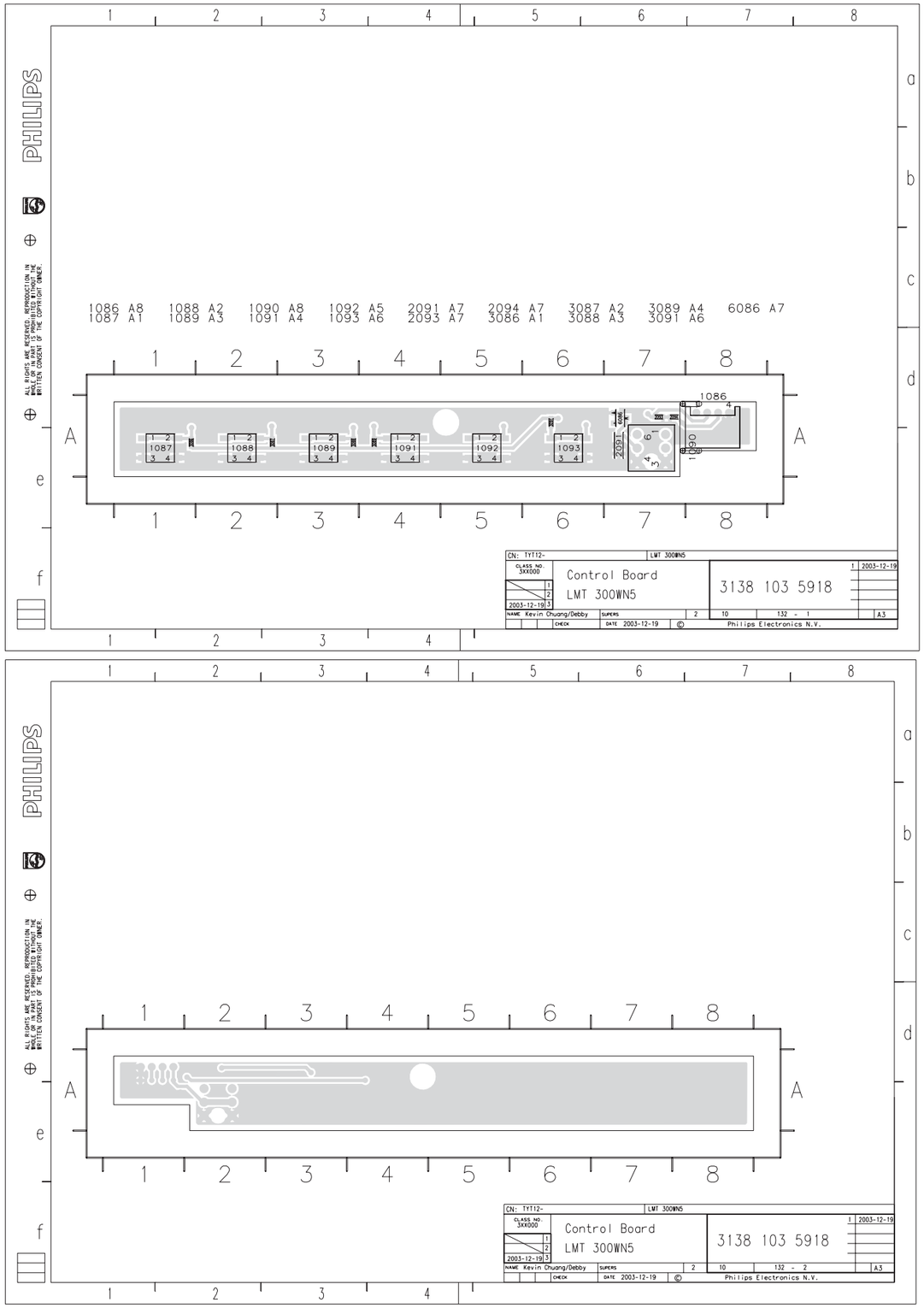
3V3-STBY-ON
1090 ESB64623
6086 BZX84-C4V7
2091 10u

3V3-STBY-ON
1086
TO MAIN PCB 1701
F1 F2 F3 F4
KEY
R-KEY
2094 100n
2093 100n

KEY
AV © 1087 SKQGABE010 — 3086 2K2 — I0
D © 1088 SKQGABE010 — 3087 51K — I1
U © 1089 SKQGABE010 — 3088 27K — I2
L © 1091 SKQGABE010 — 3089 12K — I3
R © 1092 SKQGABE010 — R-KEY
OSD © 1093 SKQGABE010 — 3091 100K — I4

© STANDS FOR CHIP COMPONENTS.

CHN TYT12-	SETNAME LMT-2 (30°)		
CLASS_NO 5	KEY CONTROL BOARD 300WN5BB/00	3138 158 5521	1 --------
2003-12-19 3			
NAME Chuang Kevin/Debby Tai	SUPERS. 1	130 - 1	A4
CHECK	DATE 2003-12-19	© KONINKLIJKE PHILIPS ELECTRONICS N.V. 2000	



IR Board Diagram and C.B.A.

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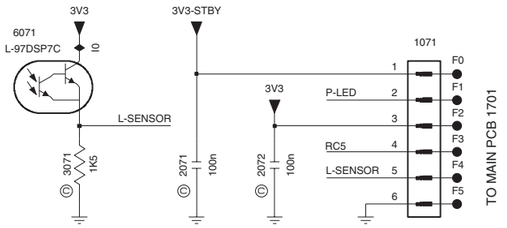
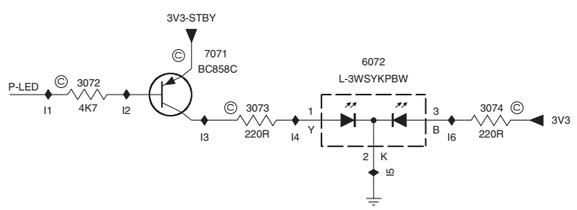
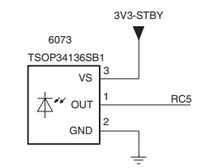
F0 A3 F1 A3 F2 A3 F3 A3 F4 B3 F5 B3 I0 A1 I1 C1 I2 C1 I3 C2 I4 C2 I5 C3 I6 C3 1071 A3 2071 B2 2072 B2 3071 B1 3072 C1 3073 C2 3074 C3 6071 A1 6072 C2 6073 D1 7071 C2

IR PCB

SB : 59101 x40
PB : 59111



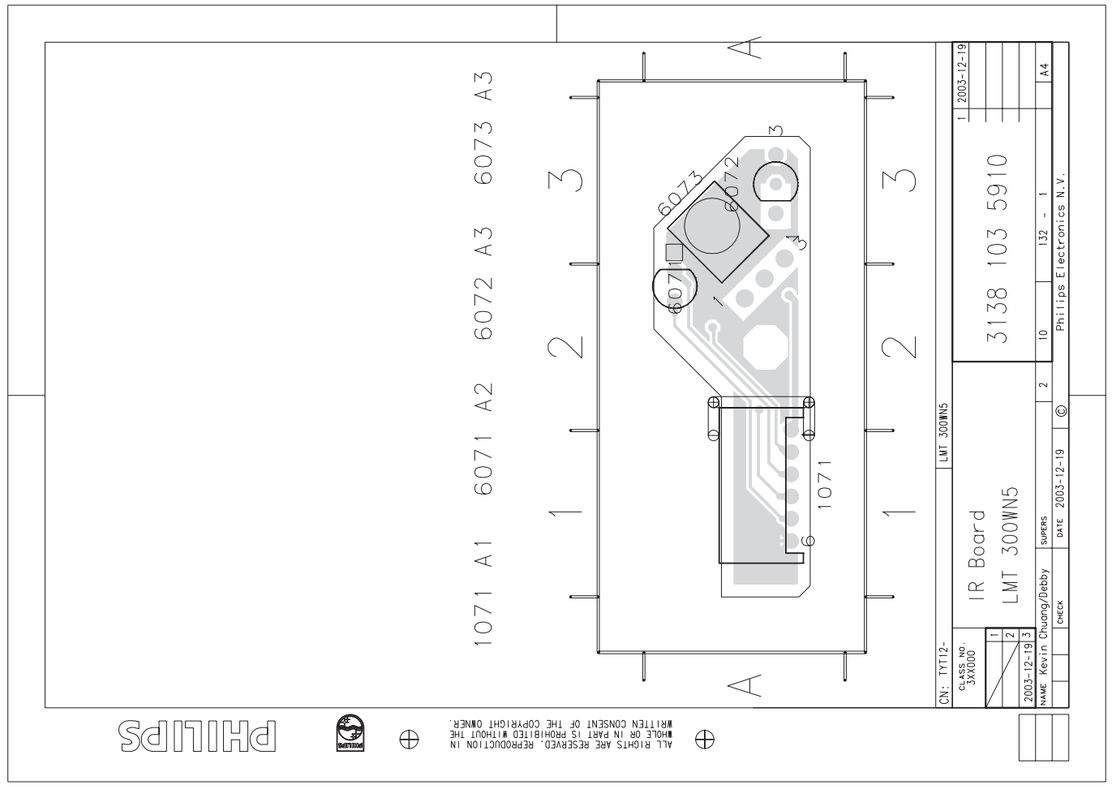


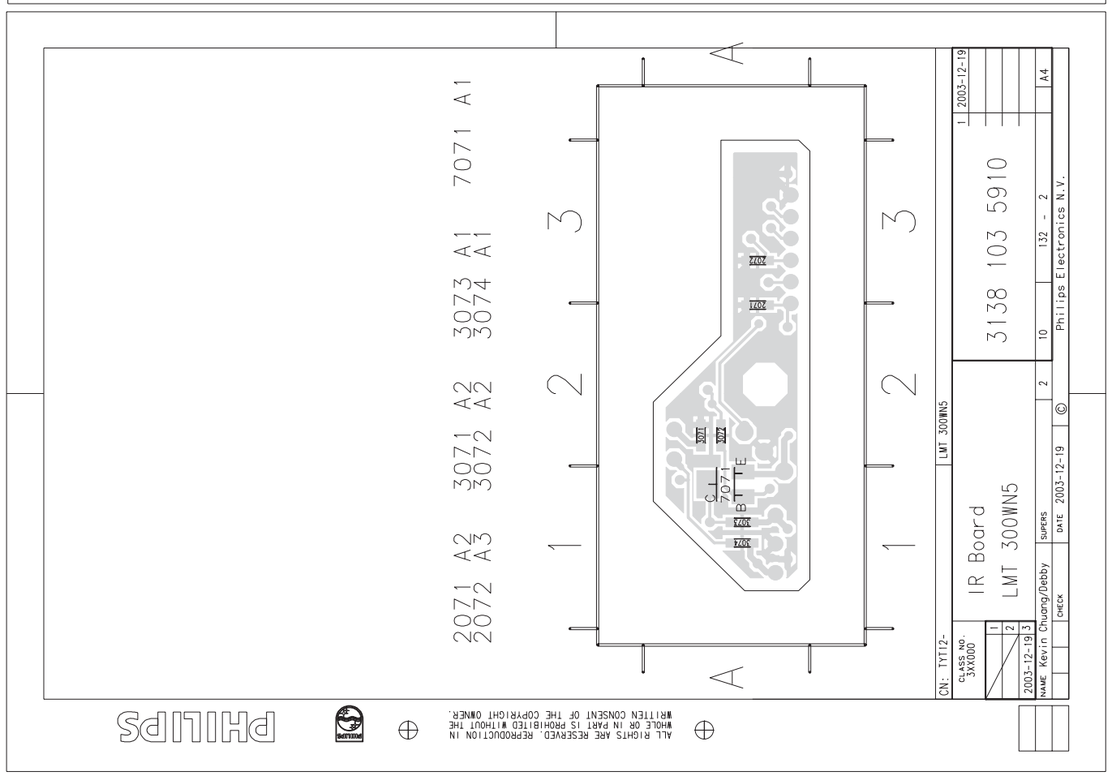


© STANDS FOR CHIP COMPONENTS.

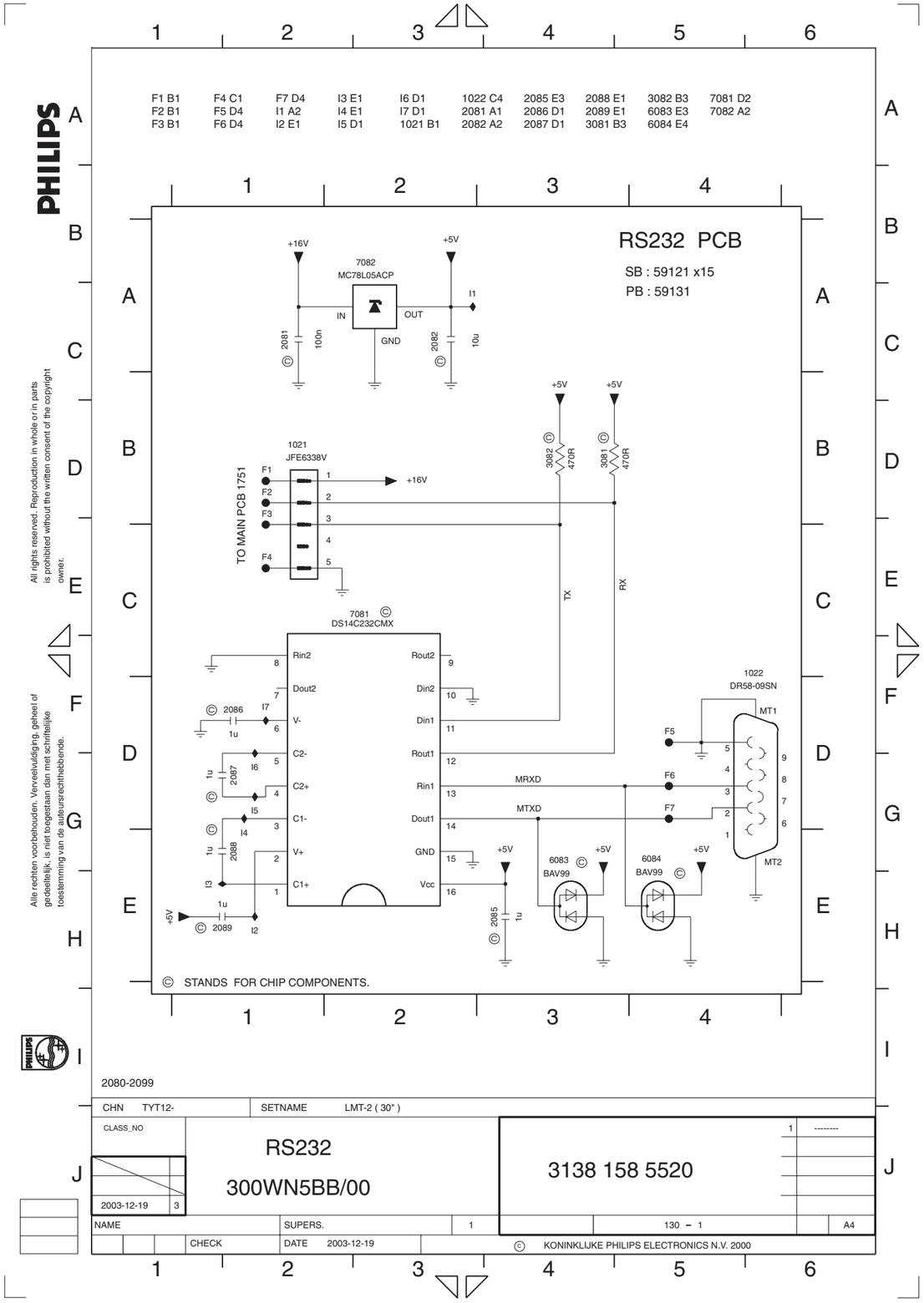
171 ~ 199

CHN TYT12-	SETNAME LMT-2 (30°)		
CLASS_NO	IR _ BOARD 300WN5BB/00	3138 158 5522	1 --------
2003-12-19 3			
NAME Kevin Chuang/Debby Tai	SUPERS. 1	130 - 1	A4
CHECK	DATE 2003-12-19	© KONINKLIJKE PHILIPS ELECTRONICS N.V. 2000	





Rs232 Board Diagram and C.B.A.



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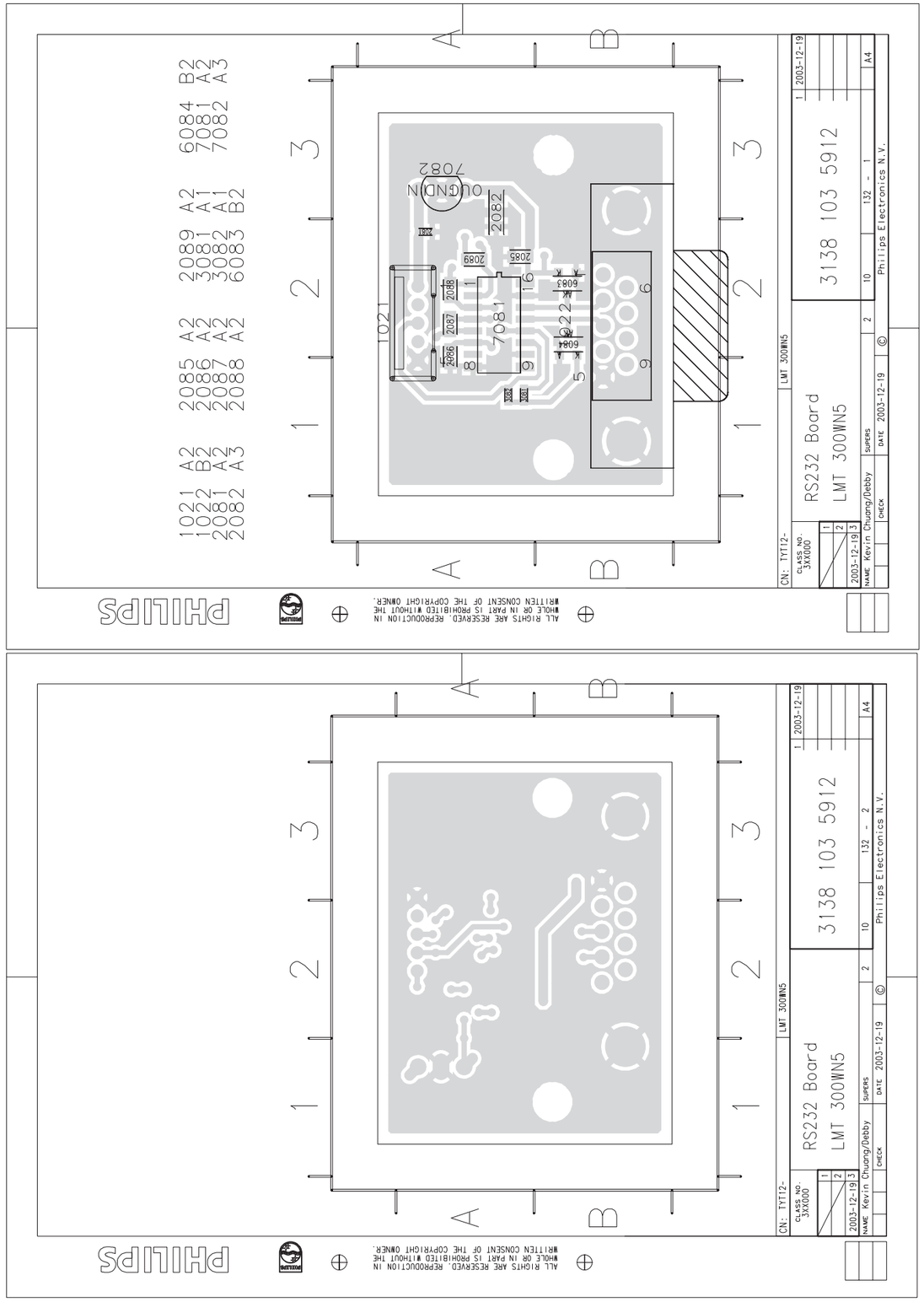

Audio Out Jack Board Diagram and C.B.A.

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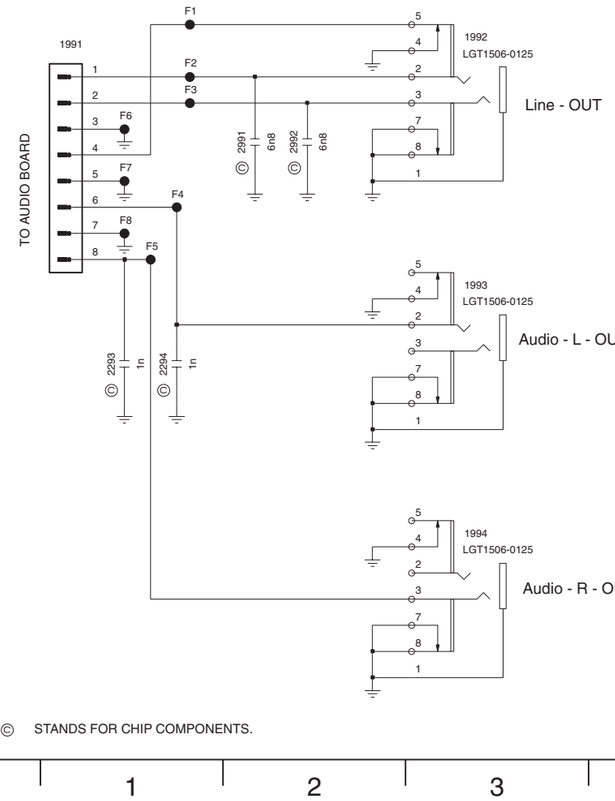
F1 A1 F2 B1 | F3 B1 F4 B1 | F5 C1 F6 B1 | F7 B1 F8 C1 | 1991 B1 1992 B3 | 1993 C3 1994 D3 | 2293 C1 2294 C1 | 2991 B2 2992 B2

AUDIO OUT JACK PCB

SB : 59201 x32
PB : 59211



© STANDS FOR CHIP COMPONENTS.

990 ~ 999

CHN TYT12-	SETNAME LMT-2 (30")		
CLASS_NO	AUDIO OUT JACK BOARD 300WN5BB/00	3138 158 5504	1 --------
2003-12-19 3			
NAME	SUPERS. 1	130 - 1	A4
CHECK	DATE 2003-12-19	© KONINKLIJKE PHILIPS ELECTRONICS N.V. 2000	

1991 B4 1992 B2
1993 B4 1994 B3
2293 A3 2294 A4
2991 B4 2992 B4
LMT 300WN5
EarPhone Board
LMT 300WN5
3138 103 5920
Philips Electronics N.V.
2003-12-19
Kevin Chuang/Debby
CN: TYT12-
CLASS NO. 3AX000
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TV Box(Video) I/O Diagram

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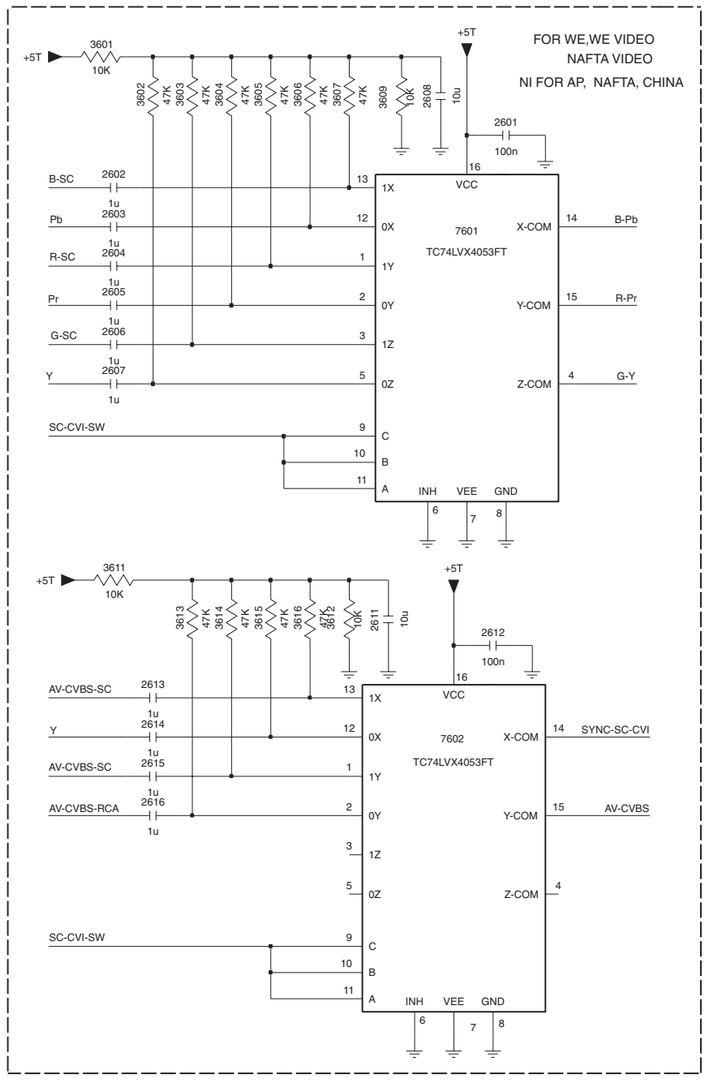

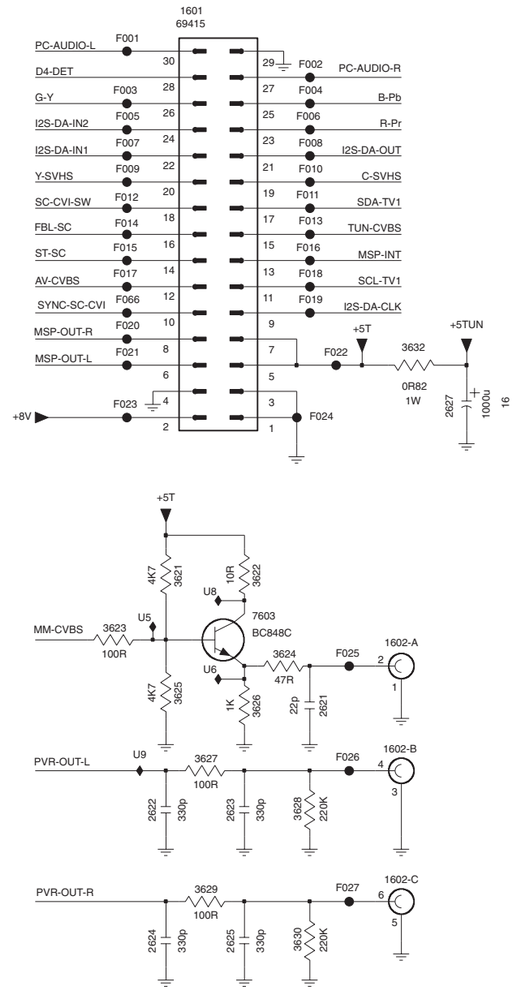

U5 D6
U6 E6
U8 D6
U9 E6
1601 A6
1602-A E8
1602-B E7
1602-C F8
2601 A4
2602 B1
2603 B1
2604 B1
2605 B1
2606 B1
2607 C1
2608 A3
2611 D3
2612 D4
2613 D2
2614 E2
2615 E2
2616 E2
2621 E7
2622 E6
2623 E7
2624 F6
2625 F7
2627 C8
3601 A1
3602 A2
3603 A2
3604 A2
3605 A2
3606 A2
3607 A3
3609 A3
3611 D1
3612 D3
3613 D2
3614 D2
3615 D2
3616 D2
3621 D6
3622 D7
3623 D6
3624 E7
3625 E6
3626 E7
3627 E6
3628 E7
3629 F6
3630 F7
3632 C8
7601 B3
7602 E3
7603 D7
F001 A6
F002 A7
F003 B6
F004 B7
F005 B6
F006 B7
F007 B6
F008 B7
F009 B6
F010 B7
F011 B7
F012 B6
F013 B7
F014 B6
F015 B6
F016 B7
F017 C6
F018 C7
F019 C7
F020 C6
F021 C6
F022 C7
F023 C6
F024 C7
F025 E7
F026 E7
F027 F7
F066 C6

REF.	WE, AP, NAFTA, CHINA,	WE VIDEO NAFTA VIDEO
1602	2422 026 05546	NOT USED

EXCEPT 1601,1602,2627,3632 WERE CHIP COMPONENTS.

601 ~ 635

CHN TYT12-		SETNAME LMT-2 (30°)	
CLASS_NO	I / O	3138 158 5908	1 --------
2004-01-16 3	300WN5QS/97		
NAME F. Y. Liu /I F Cchang	SUPERS. 5		
CHECK	DATE 2004-01-16	130 - 1	A3

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TV Box(Video) CVI/S-Video Diagram

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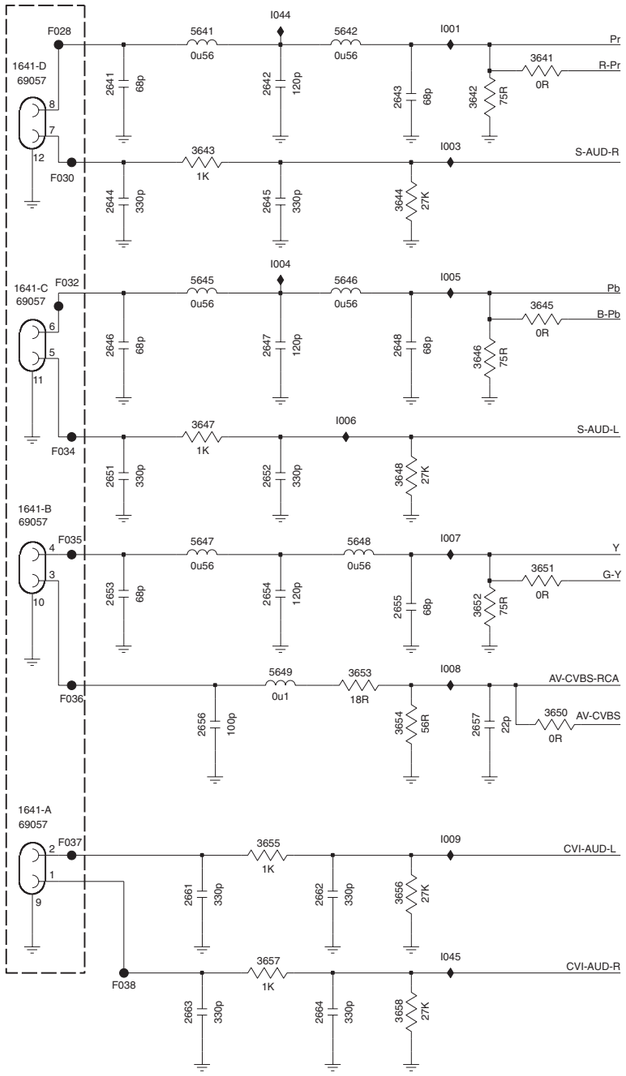

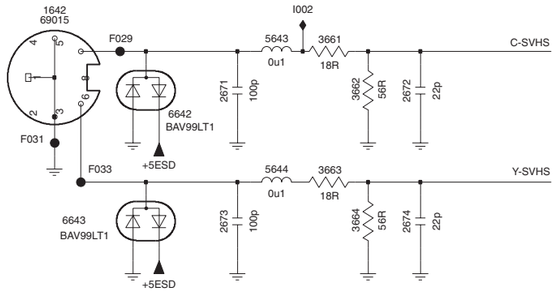

TV-BOX PCB

SB: 60451 x2

PB: 60461

B

Ref Des	Reserved
3641	212211805631 0R
3645	212211805631 0R
3650	212211805631 0R
3651	212211805631 0R
6642	932205042685 BAV99LT1
6643	932205042685 BAV99LT1

EXCEPT 1641,1642 WERE CHIP COMPONENTS.

1641-A E1
1641-B C1
1641-C B1
1641-D A1
1642 A5
2641 A1
2642 A2
2643 A3
2644 B1
2645 B2
2646 C1
2647 C2
2648 C3
2651 C1
2652 C2
2653 D1
2654 D2
2655 D3
2656 E2
2657 E3
2661 F2
2662 F2
2663 F2
2664 F2
2671 B6
2672 B7
2673 C6
2674 C7
3641 A4
3642 A3
3643 A2
3644 B3
3645 B4
3646 C3
3647 C2
3648 C3
3650 E4
3651 D4
3652 D3
3653 D3
3654 E3
3655 E2
3656 E3
3657 F2
3658 F3
3661 B7
3662 B7
3663 B7
3664 B7
5641 A2
5642 A3
5643 B7
5644 B7
5645 B2
5646 B3
5647 D2
5648 D3
5649 D2
6642 B6
6643 B5
F028 A1
F029 B6
F030 B1
F031 B5
F032 B1
F033 B6
F034 C1
F035 D1
F036 D1
F037 E1
F038 F1
I001 A3
I002 A7
I003 A3
I004 B2
I005 B3
I006 C3
I007 D3
I008 D3
I009 E3
I044 A2
I045 F3

640 ~ 679

CHN TYT12-	SETNAME LMT-2		
CLASS_NO	CVI/S-VIDEO 300WN5VB/00	3138 158 5912	1 --------
2004-02-06 3			
NAME F. Y. Liu /I F Chang	SUPERS. 5	130 - 2	A3
CHECK	DATE 2004-02-06	© KONINKLIJKE PHILIPS ELECTRONICS N.V. 2000	

TV Box(Video) Tuner Diagram

PHILIPS

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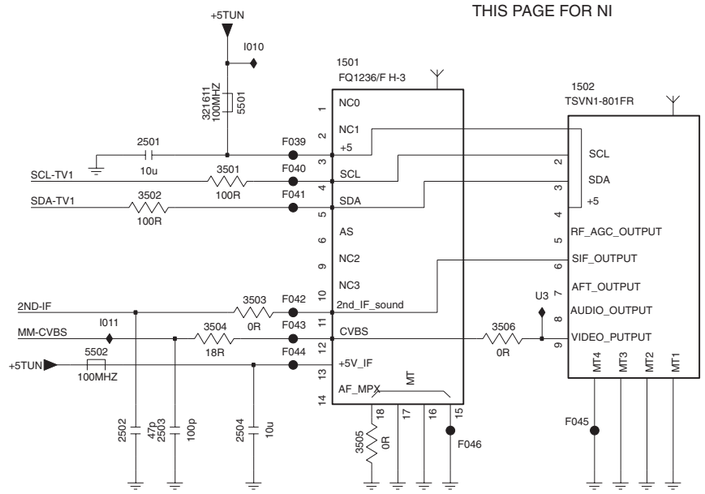
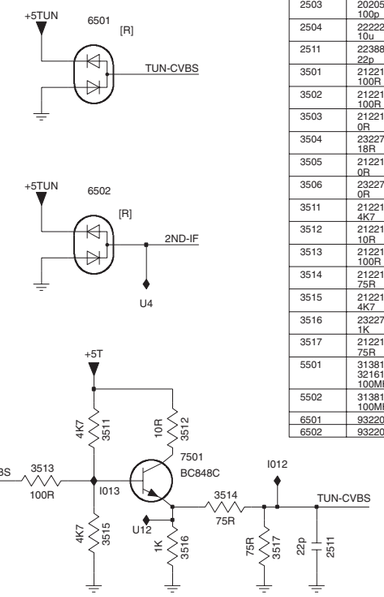
TV-BOX PCB

SB: 60451 x2
PB: 60461

THIS PAGE FOR NI





REF.	TUNER	3505	3506
1501	FQ1236 FOR EMF	Y	N
	FQ1216 FOR DAO		
1502	TSVN1-802FR FOR DAO	N	Y

Ref Des	Reserved
1501	313914718351 FQ1236/FH-3
1502	tun_TSVN1-801 TSVN1-801FR
2501	222224119876 10u
2502	223886715479 47p
2503	202055294427 100p
2504	222224119876 10u
2511	223886715229 22p
3501	212211805643 100R
3502	212211805643 100R
3503	212211805631 0R
3504	232270260189 18R
3505	212211805631 0R
3506	232270296001 0R
3511	212211805665 4K7
3512	212211805635 10R
3513	212211805643 100R
3514	212211805964 75R
3515	212211805665 4K7
3516	232270281102 1K
3517	212211805964 75R
5501	313816874261 321611 100MHZ
5502	313816874261 100MHZ
6501	932205042685
6502	932205042685

U3 C4
U4 C6
U12 D6
1501 B3
1502 B4
2501 B2
2502 D2
2503 D2
2504 D2
2511 D7
3501 B2
3502 B2
3503 C2
3504 C2
3505 D3
3506 C4
3511 C6
3512 C6
3513 D6
3514 D7
3515 D6
3516 D6
3517 D7
5501 B2
5502 C2
6501 A6
6502 B6
7501 D6
F039 B3
F040 B3
F041 B3
F042 C3
F043 C3
F044 C3
F045 D4
F046 D4
I010 A2
I011 C2
I012 D7
I013 D6

EXCEPT 1501,1502 WERE CHIP COMPONENTS.

CHN TYT12-	SETNAME LMT-2		
CLASS_NO	TUNER	3138 158 5912	1 --------
2004-02-06 3	300WN5VB/00		
NAME F. Y. Liu / I F Chang	SUPERS. 5	130 - 3	A3
CHECK	DATE 2004-02-06	© KONINKLIJKE PHILIPS ELECTRONICS N.V. 2000	

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TV Box(Video) Audio Decoder Diagram

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TV-BOX PCB

SB: 60451 x2
PB: 60461

	EMF	DAO
7901	msp3410G	msp3440G

7901 MSP3410G-QI-B8V3

SCART Switching Facilities

SCART 1

SCART 2

Ref Des	Reserved
3942	212211805631 0R
3943	212211805631 0R

U15 C2
1901 E5
2901 C2
2902 C2
2903 C2
2904 C2
2905 D2
2906 B2
2907 D6
2908 E6
2909 D2
2911 C2
2913 C6
2914 D2
2915 D2
2916 C7
2917 B5
2918 B6
2919 C6
2920 C5
2921 E3
2922 E4
2923 E4
2924 C6
2925 E4
2926 E5
2927 E5
2928 A5
2929 A5
2931 D6
2932 D6
2933 C6
2934 C6
3911 B2
3912 B1
3913 B1
3914 D6
3915 E6
3916 D6
3917 D6
3918 B7
3919 B7
3921 B6
3930 A4
3931 A4
3933 A4
3934 A4
3942 A4
3943 A4
5912 E3
5915 A7
6911 B6
7901 B2
I014 A4
I015 A5
I016 A4
I017 B4
I018 B6
I019 B6
I020 B2
I021 B2
I022 B5
I023 B5
I024 B2
I025 C6
I026 C2
I027 C2
I028 C2
I029 C2
I030 C2
I031 C2
I032 D5
I033 D2
I034 D2
I035 D6
I036 D7
I037 D2
I038 D7
I039 D5
I040 D5
I041 E5
I042 E5

CHN	TYT12-	SETNAME	LMT-2
CLASS_NO		Audio Decoder 300WN5VB/00	3138 158 5912
2004-02-06	3		1 --------
NAME	F.Y.Liu/I F Chang	SUPERS.	5
	CHECK	DATE 2004-02-06	130 - 4 A3

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TV Box(Video) EMF Scart Diagram

PHILIPS

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TV-BOX PCB

SB: 60451 x2
PB: 60461

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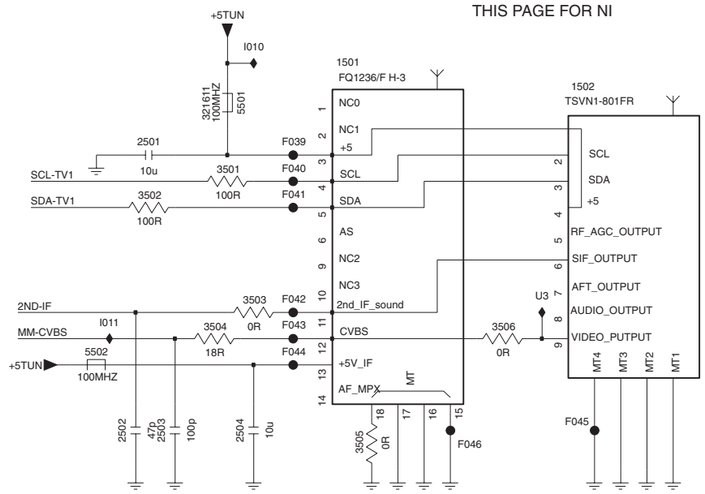
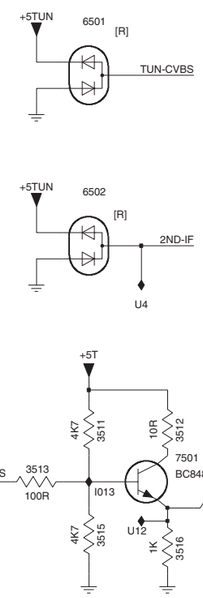


REF.	TUNER	3505	3506
1501	FQ1236 FOR EMF	Y	N
	FQ1216 FOR DAO		
1502	TSVN1-802FR FOR DAO	N	Y



Ref Des	Reserved
1501	313914718351 FQ1236/FH-3
1502	tun_TSVN1-801 TSVN1-801FR
2501	222224119876 10u
2502	223886715479 47p
2503	202055294427 100p
2504	222224119876 10u
2511	223886715229 22p
3501	212211805643 100R
3502	212211805643 100R
3503	212211805631 0R
3504	232270260189 18R
3505	212211805631 0R
3506	232270296001 0R
3511	212211805665 4K7
3512	212211805635 10R
3513	212211805643 100R
3514	212211805964 75R
3515	212211805665 4K7
3516	232270281102 1K
3517	212211805964 75R
5501	313816874261 321611 100MHZ
5502	313816874261 100MHZ
6501	932205042685
6502	932205042685

U3 C4
U4 C6
U12 D6
1501 B3
1502 B4
2501 B2
2502 D2
2503 D2
2504 D2
2511 D7
3501 B2
3502 B2
3503 C2
3504 C2
3505 D3
3506 C4
3511 C6
3512 C6
3513 D6
3514 D7
3515 D6
3516 D6
3517 D7
5501 B2
5502 C2
6501 A6
6502 B6
7501 D6
F039 B3
F040 B3
F041 B3
F042 C3
F043 C3
F044 C3
F045 D4
F046 D4
I010 A2
I011 C2
I012 D7
I013 D6

EXCEPT 1501,1502 WERE CHIP COMPONENTS.

CHN TYT12-	SETNAME LMT-2		
CLASS_NO	TUNER	3138 158 5912	1 --------
2004-02-06 3	300WN5VB/00		
NAME F. Y. Liu / I F Chang	SUPERS. 5	130 - 3	A3
CHECK	DATE 2004-02-06	© KONINKLIJKE PHILIPS ELECTRONICS N.V. 2000	

501 ~ 530

TV Box(TV) I/O Diagram

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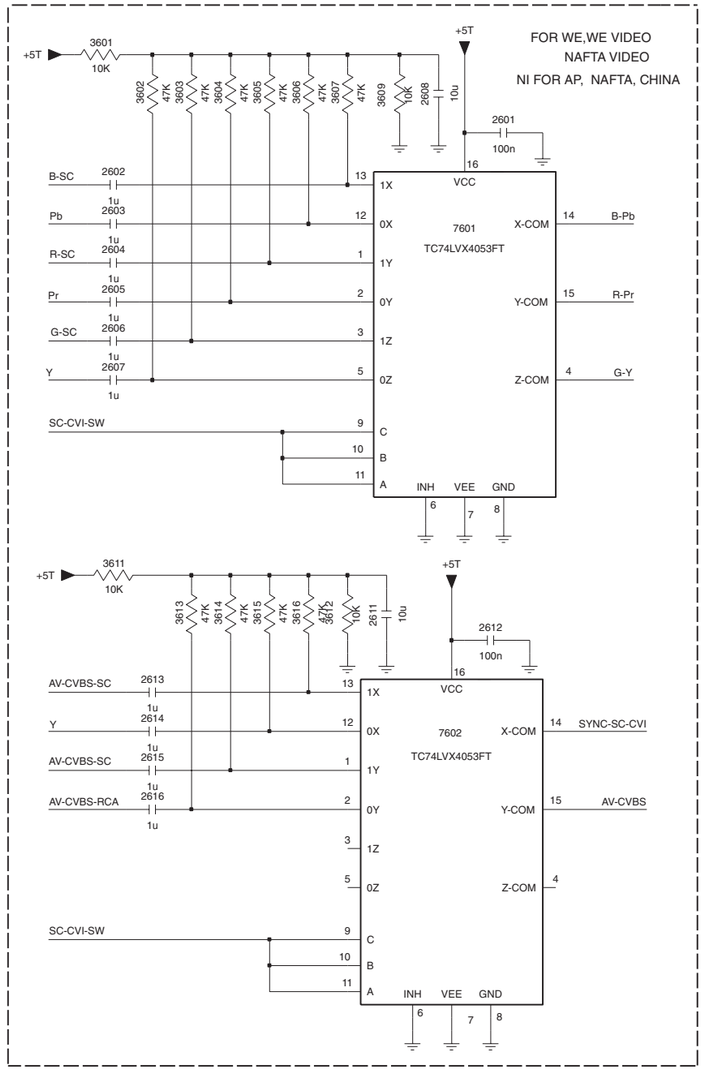
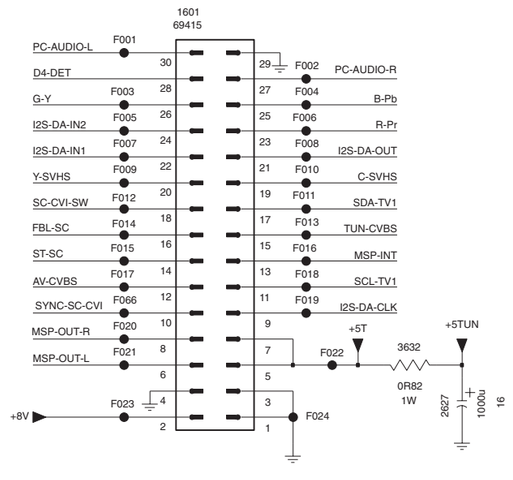
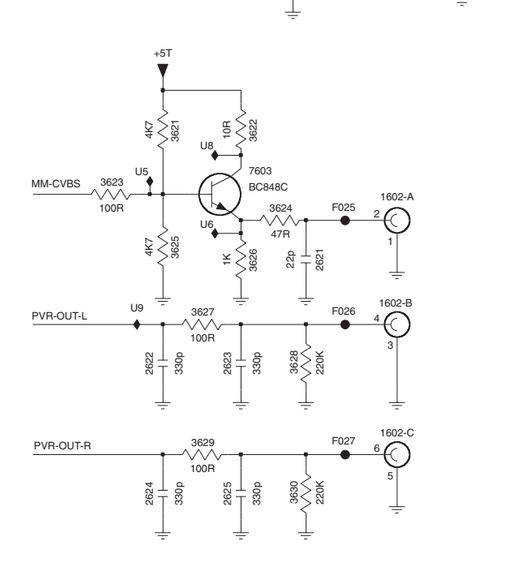


TV-BOX PCB

SB: 58441 x2
PB: 58451

A





U5 D6
U6 E6
U8 D6
U9 E6
1601 A6
1602-A E8
1602-B E7
1602-C F8
2601 A4
2602 B1
2603 B1
2604 B1
2605 B1
2606 B1
2607 C1
2608 A3
2611 D3
2612 D4
2613 D2
2614 E2
2615 E2
2616 E2
2621 E7
2622 E6
2623 E7
2624 F6
2625 F7
2627 C8
3601 A1
3602 A2
3603 A2
3604 A2
3605 A2
3606 A2
3607 A3
3609 A3
3611 D1
3612 D3
3613 D2
3614 D2
3615 D2
3616 D2
3621 D6
3622 D7
3623 D6
3624 E7
3625 E6
3626 E7
3627 E6
3628 E7
3629 F6
3630 F7
3632 C8
7601 B3
7602 E3
7603 D7
F001 A6
F002 A7
F003 B6
F004 B7
F005 B6
F006 B7
F007 B6
F008 B7
F009 B6
F010 B7
F011 B7
F012 B6
F013 B7
F014 B6
F015 B6
F016 B7
F017 C6
F018 C7
F019 C7
F020 C6
F021 C6
F022 C7
F023 C6
F024 C7
F025 E7
F026 E7
F027 F7
F066 C6

REF.	WE, AP, NAFTA, CHINA,	WE VIDEO NAFTA VIDEO
1602	2422 026 05546	NOT USED

EXCEPT 1601,1602,2627,3632 WERE CHIP COMPONENTS.

601 ~ 635

CHN TYT12-	SETNAME LMT-2 (30")		
CLASS_NO	I / O	3138 158 5908	1 --------
2004-01-16 3	300WN5QS/97		
NAME F. Y. Liu /I F Cchang	SUPERS. 5		
CHECK	DATE 2004-01-16	130 - 1	A3

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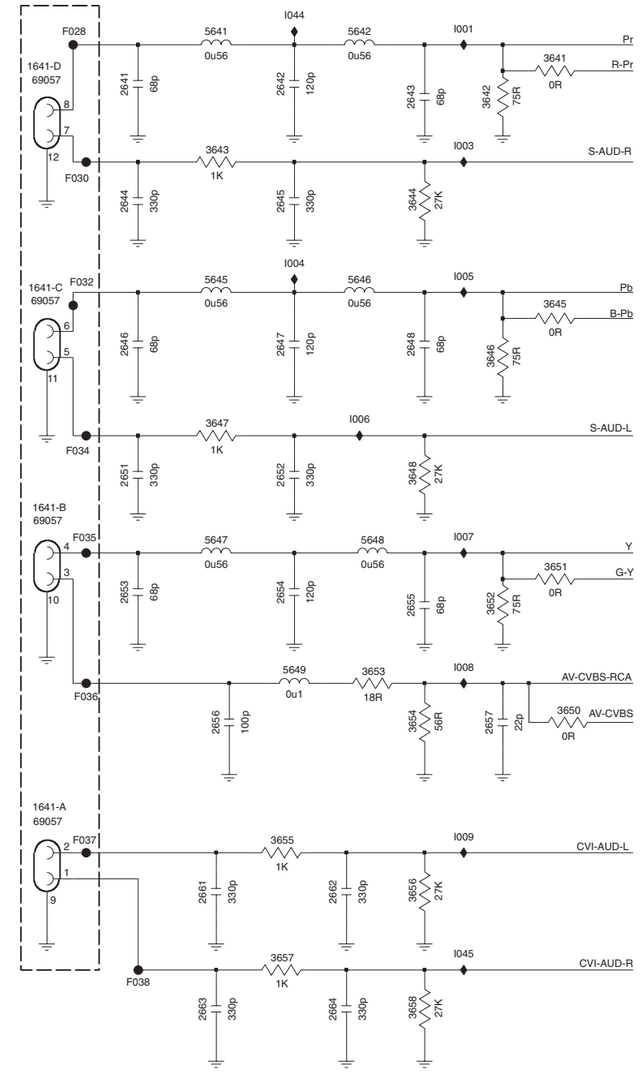
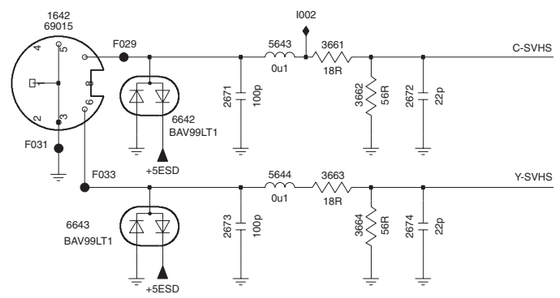
TV Box(TV) CVI/S-Video Diagram





TV-BOX PCB

SB: 58441 x2

PB: 58451

B

REF.	WE WE VIDEO NAFTA VIDEO	AP NAFTA CHINA
3641	NOT USED	212211805631 0R
3645	NOT USED	212211805631 0R
3650	NOT USED	212211805631 0R
3651	NOT USED	212211805631 0R
6642	NOT USED	NOT USED
6643	NOT USED	NOT USED

EXCEPT 1641,1642 WERE CHIP COMPONENTS.

1641-A E1
1641-B C1
1641-C B1
1641-D A1
1642 A5
2641 A1
2642 A2
2643 A3
2644 B1
2645 B2
2646 C1
2647 C2
2648 C3
2651 C1
2652 C2
2653 D1
2654 D2
2655 D3
2656 E2
2657 E3
2661 F2
2662 F3
2663 F2
2664 F3
2671 B6
2672 B7
2673 C6
2674 C7
3641 A4
3642 A3
3643 A2
3644 B3
3645 B4
3646 C3
3647 C2
3648 C3
3650 E4
3651 D4
3652 D3
3653 D3
3654 E3
3655 E2
3656 F3
3657 F2
3658 F3
3661 B7
3662 B7
3663 B7
3664 C7
5641 A2
5642 A3
5643 B7
5644 B7
5645 B2
5646 B3
5647 D2
5648 D3
5649 D2
6642 B6
6643 B6
F028 A1
F029 B6
F030 B1
F031 B5
F032 B1
F033 B6
F034 C1
F035 D1
F036 D1
F037 E1
F038 F1
I001 A3
I002 A7
I003 A3
I004 B2
I005 B3
I006 C3
I007 D3
I008 D3
I009 E3
I044 A2
I045 F3

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CHN TYT12-		SETNAME LMT-2 (30")	
CLASS_NO	CVI/S-VIDEO 300WN5QS/97	3138 158 5908	1 --------
2004-01-16 3			
NAME F. Y. Liu /I F Chang	SUPERS.	5	130 - 2 A3
CHECK	DATE 2004-01-16	© KONINKLIJKE PHILIPS ELECTRONICS N.V. 2000	

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TV Box(TV) Tuner Diagram

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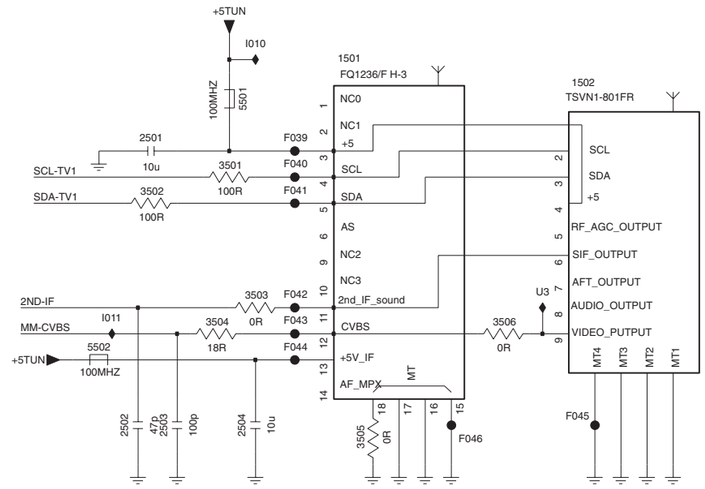
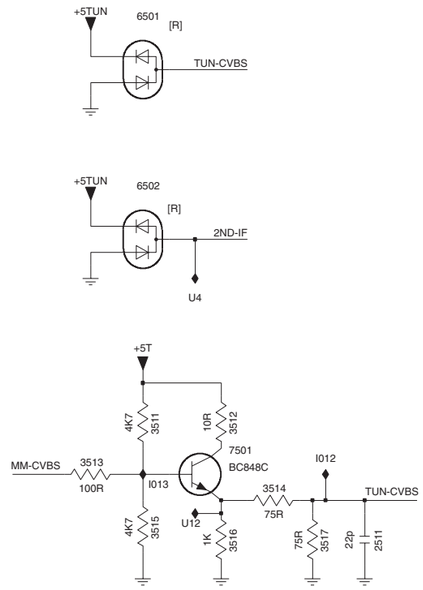
TV-BOX PCB

SB: 58441 x2
PB: 58451





REF.	WE	AP	NAFTA	CHINA	WE VIDEO NAFTA VIDEO
1501	FQ1216ME	FQ1216PN	FQ1236	FQ1256	X

EXCEPT 1501,1502 WERE CHIP COMPONENTS.

REF.	Reserved
1502	TSVNI-801FR
3506	212211805631 0R
6501	932205042685
6502	932205042685

U3 C4
U4 C6
U12 D6
1501 B3
1502 B4
2501 B2
2502 D2
2503 D2
2504 D2
2511 D7
3501 B2
3502 B2
3503 C2
3504 C2
3505 D3
3506 C4
3511 C6
3512 C6
3513 D6
3514 D7
3515 D6
3516 D6
3517 D7
5501 B2
5502 C2
6501 A6
6502 B6
7501 D6
F039 B3
F040 B3
F041 B3
F042 C3
F043 C3
F044 C3
F045 D4
F046 D4
I010 A2
I011 C2
I012 D7
I013 D6

CHN TYT12-	SETNAME LMT-2 (30")		
CLASS_NO	TUNER	3138 158 5908	1 --------
2004-01-16 3	300WN5QS/97		
NAME F. Y. Liu / I F Chang	SUPERS. 5	130 - 3	A3
CHECK	DATE 2004-01-16	© KONINKLIJKE PHILIPS ELECTRONICS N.V. 2000	

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TV Box(TV) Audio Decoder Diagram

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TV-BOX PCB

SB: 58441 x2

PB: 58451

REF.	WE, AP, CHINA WE VIDEO NAFTA VIDEO	NAFTA
7901	msp3410G	msp3440G

7901 MSP3410G-QI-B8V3

I2C_CL, I2C_DA, ADR interface, I2S interface, ADR_DA, ADR_CL, ADR_WS, AUD_CL_OUT, D_CTR_IO_1, D_CTR_IO_0, MSP-INT, I2S-DA-IN2, I2S-DA-OUT, I2S-DA-IN1, I2S-DA-CLK, I2S_DA_IN2, I2S_DA_OUT, I2S_DA_IN1, I2S_CL, I2S_WS, AHVSUP, RESETQ

SCL-TV1, SDA-TV1, 2ND-IF, ANA_IN2+, ANA_IN1+, ANA_IN-, MONO, MONO_IN

DEMODULATOR, FM1, FM2, NICAM A, NICAM B, IDENT, S1 4 I2SL/R, I2SL/R

SCART 1 SC1_IN_R, SC1_IN_L; SCART 2 SC2_IN_R, SC2_IN_L; SCART 3 SC3_IN_R, SC3_IN_L; SCART 4 SC4_IN_R, SC4_IN_L

SC-AUD-R, SC-AUD-L, PC-AUDIO-R, PC-AUDIO-L, CVI-AUD-R, CVI-AUD-L, S-AUD-R, S-AUD-L

A/D, SCART-L, SCART-R, SCART Switching Facilities

LOUDSPEAKER R, LOUDSPEAKER L, LOUDSPEAKER, HEADPHONE R, HEADPHONE L, HEADPHONE, DSP, D/A

DACM_R, DACM_L, DACA_R, DACA_L, VREFTOP, AGNDC, CAPL_M, CAPL_A

SCART 1 SC1_OUT_R, SC1_OUT_L; SCART 2 SC2_OUT_R, SC2_OUT_L

MSP-OUT-R, MSP-OUT-L, SC-OUT-R, SC-OUT-L, PVR-OUT-R, PVR-OUT-L

NC, NC0 NC1 NC2 NC3 NC4 NC5 NC6 NC7, DACM_SUB, ADR_SEL, TESTEN, AVSS, ASG0, ASG1, ASG2, AHVSS, VREF1, TP, VREF2, DVSS, DVSUP, STANDBTQ, AVSUP, XTAL_IN, XTAL_OUT

+8V, +5T, BAS32L, 18M432HZ

Ref Des	Reserved
3942	212211805631 0R
3943	212211805631 0R

U15 C2
1901 E5
2901 C2
2902 C2
2903 C2
2904 C2
2905 D2
2906 B2
2907 D6
2908 E6
2909 D2
2911 C2
2913 C6
2914 D2
2915 D2
2916 C7
2917 B5
2918 B6
2919 C6
2920 C5
2921 E3
2922 E4
2923 E4
2924 C6
2925 E4
2926 E5
2927 E5
2928 A5
2929 A5
2931 D6
2932 D6
2933 C6
2934 C6
3911 B2
3912 B1
3913 B1
3914 D6
3915 E6
3916 D6
3917 D6
3918 B7
3919 B7
3921 B6
3930 A4
3931 A4
3933 A4
3934 A4
3942 A4
3943 A4
5912 E3
5915 A7
6911 B6
7901 B2
I014 A4
I015 A5
I016 A4
I017 B4
I018 B6
I019 B6
I020 B2
I021 B2
I022 B5
I023 B5
I024 B2
I025 C6
I026 C2
I027 C2
I028 C2
I029 C2
I030 C2
I031 C2
I032 D5
I033 D2
I034 D2
I035 D6
I036 D7
I037 D2
I038 D7
I039 D5
I040 D5
I041 E5
I042 E5

CHN	TYT12-
SETNAME	LMT-2 (30")
CLASS_NO	
	Audio Decoder
	300WN5QS/97
2004-01-16	3
NAME	F.Y.Liu/I F Chang
SUPERS.	5
CHECK	
DATE	2004-01-16
	3138 158 5908
1	--------
	130 - 4
	A3

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TV Box(TV) WE Scart Diagram

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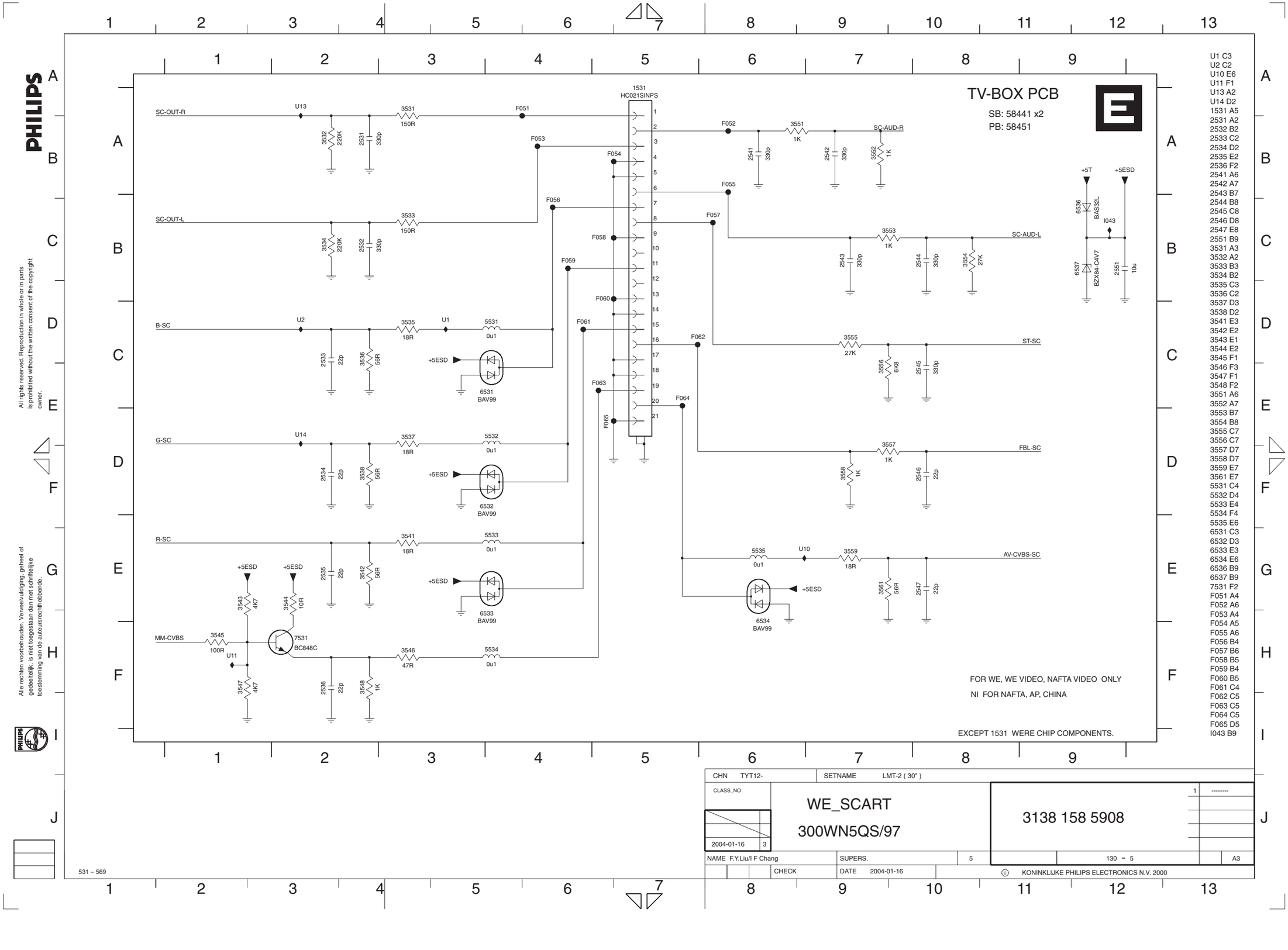
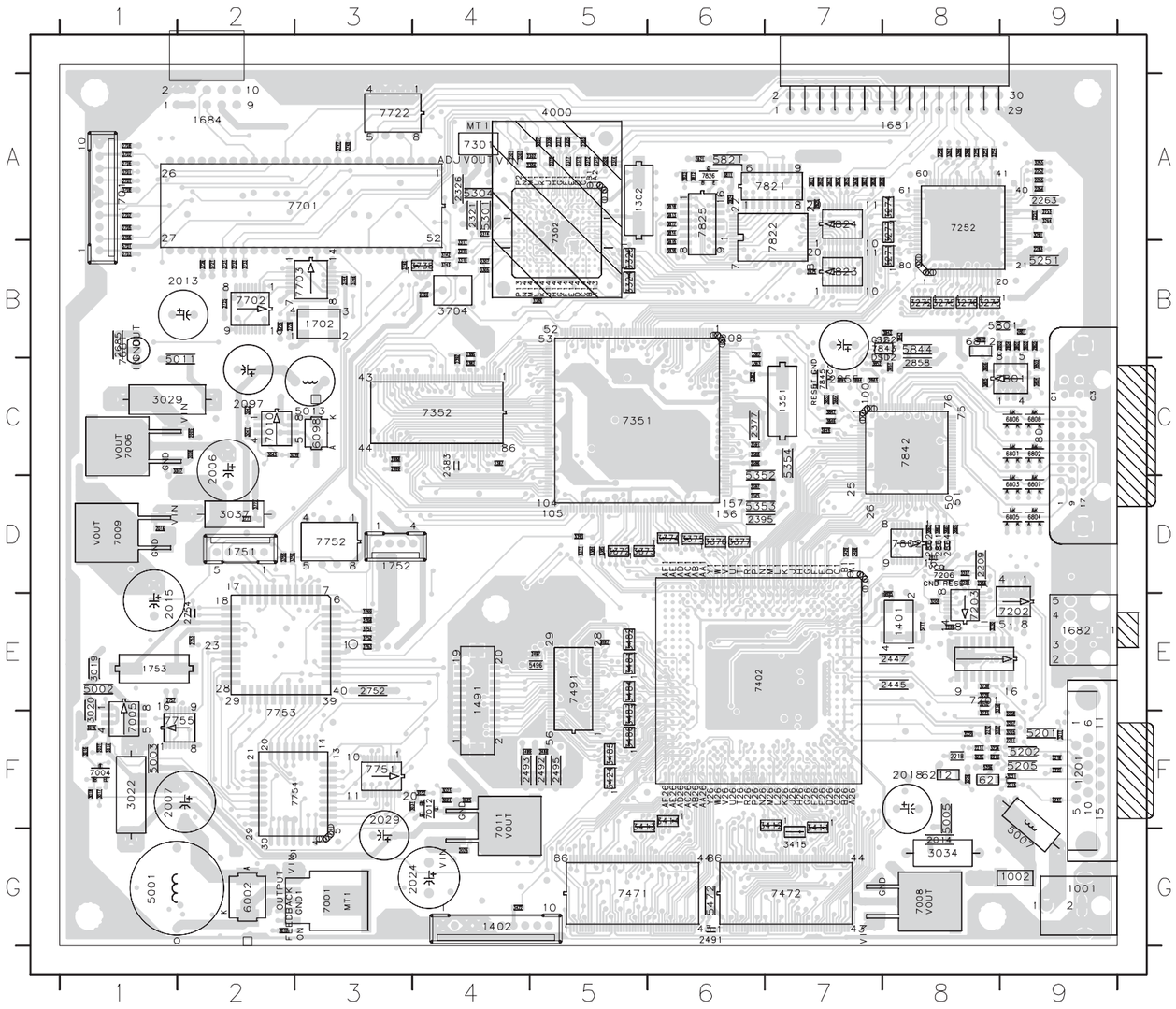


U1 C3
U2 C2
U10 E6
U11 F1
U13 A2
U14 D2
1531 A5
2531 A2
2532 B2
2533 C2
2534 D2
2535 E2
2536 F2
2541 A6
2542 A7
2543 B7
2544 B8
2545 C8
2546 D8
2547 E8
2551 B9
3531 A3
3532 A2
3533 B3
3534 B2
3535 C3
3536 C2
3537 D3
3538 D2
3541 E3
3542 E2
3543 E1
3544 E2
3545 F1
3546 F3
3547 F1
3548 F2
3551 A6
3552 A7
3553 B7
3554 B8
3555 C7
3556 C7
3557 D7
3558 D7
3559 E7
3561 E7
5531 C4
5532 D4
5533 E4
5534 F4
5535 E6
6531 C3
6532 D3
6533 E3
6534 E6
6536 B9
6537 B9
7531 F2
F051 A4
F052 A6
F053 A4
F054 A5
F055 A6
F056 B4
F057 B6
F058 B5
F059 B4
F060 B5
F061 C4
F062 C5
F063 C5
F064 C5
F065 D5
I043 B9

CHN TYT12-	SETNAME LMT-2 (30")		
CLASS_NO	WE_SCART	3138 158 5908	1 --------
2004-01-16 3	300WN5QS/97		
NAME F.Y.Liu/I F Chang	SUPERS. 5	130 - 5	A3
CHECK	DATE 2004-01-16	© KONINKLIJKE PHILIPS ELECTRONICS N.V. 2000	

531 ~ 569

Scaler PCB C.B.A.-1



1001	C9	2702	A1	3324	B5	3847	C7
1002	G9	2703	B1	3325	B5	3849	C7
1201	F9	2705	A1	3326	B5	3851	C8
1302	A5	2706	A1	3362	B6	3852	C7
1351	C7	2708	A1	3363	C6	3853	C7
1401	E8	2725	B2	3371	D5	3854	C7
1402	G4	2728	B2	3372	D5	3862	D8
1491	F4	2752	E3	3373	D5	3863	D8
1681	A8	2753	E2	3374	D6	3864	D8
1682	E9	2754	E2	3375	D6	3865	D8
1684	A2	2757	E1	3376	D6	4000	A5
1701	A1	2801	B9	3377	D6	5001	C1
1702	B3	2802	B8	3384	D6	5002	F1
1751	D2	2803	B8	3385	D5	5003	F1
1752	D3	2804	B9	3388	C6	5005	F8
1753	E1	2805	B9	3391	C6	5007	G9
1801	C9	2811	D8	3393	D5	5011	C2
2005	C2	2821	A6	3405	E8	5013	C3
2006	C2	2823	A6	3408	D7	5201	F9
2007	F1	2824	A6	3411	F7	5202	F9
2013	B2	2825	B7	3412	F7	5205	F9
2014	C8	2826	A7	3413	F6	5206	F9
2015	F1	2855	C7	3414	F6	5251	B3
2016	D1	2858	C8	3415	G7	5301	A4
2018	F8	2861	D8	3422	G4	5304	A4
2021	F1	2862	D8	3424	F5	5352	C6
2024	C4	2863	C7	3429	D7	5353	D6
2028	G4	2864	D8	3481	F5	5354	C7
2029	F3	3007	C2	3482	F5	5411	F8
2097	C2	3008	C2	3483	F5	5472	G6
2202	E8	3013	G2	3484	F5	5496	F5
2208	F9	3014	F1	3485	F5	5701	B2
2209	D8	3015	F1	3486	F5	5721	B2
2211	F9	3017	F1	3487	F5	5724	B2
2212	F8	3018	F1	3489	F4	5821	A6
2213	F8	3019	E1	3701	A1	5844	B8
2214	F8	3020	E1	3702	A1	6002	C2
2215	F9	3022	F1	3703	B4	6098	C2
2218	F8	3023	F4	3704	B4	6211	F8
2251	A9	3024	F4	3705	A1	6212	F8
2252	A9	3025	F4	3708	A1	6801	C9
2253	A8	3029	F3	3726	B2	6802	C9
2254	A8	3031	F3	3730	B2	6803	D9
2255	A8	3032	F4	3732	B2	6804	D9
2256	A8	3034	G8	3733	B2	6805	D9
2257	A8	3037	D2	3738	B4	6806	C9
2259	A8	3039	C2	3740	B4	6807	C9
2263	A9	3041	C2	3742	B4	6808	C9
2264	A9	3042	C2	3743	B4	6812	B8
2265	A9	3043	C2	3744	B3	7001	G3
2283	B9	3203	D8	3746	B3	7004	F1
2301	A4	3207	D8	3747	A3	7005	F1
2302	A5	3208	D8	3748	A3	7006	C1
2303	A5	3209	E8	3751	E3	7008	G8
2304	A5	3217	F9	3752	E3	7009	D1
2305	A5	3218	F9	3755	D2	7010	C2
2306	A5	3221	F9	3756	D2	7011	F4
2307	A5	3222	F8	3763	D2	7012	F4
2309	A5	3223	F8	3768	E3	7201	E8
2311	A5	3224	F8	3769	E3	7202	F9
2312	A5	3225	F9	3771	D2	7203	F8
2313	A5	3226	F8	3772	D2	7206	D8
2314	A5	3227	F8	3801	B9	7252	A6
2315	A5	3228	F8	3802	B9	7301	A4
2317	A5	3229	F8	3803	C9	7302	A5
2319	A5	3230	E8	3804	C9	7351	C5
2321	A4	3231	F9	3805	C8	7352	C4
2326	A4	3235	F9	3806	C8	7402	E6
2345	D6	3237	F9	3811	A6	7471	G5
2362	C6	3238	E8	3812	A6	7472	G7
2377	C6	3239	E8	3813	A6	7491	F5
2382	C4	3261	A9	3814	A6	7681	B1
2383	C4	3264	A9	3815	B6	7701	A3
2385	C4	3265	A9	3816	B6	7702	B3
2387	C4	3266	A8	3817	A6	7703	B3
2388	C3	3267	A8	3818	A6	7722	A3
2389	C3	3271	B8	3821	A7	7751	F3
2392	C4	3272	B8	3822	A7	7752	D3
2395	D6	3273	B8	3823	A7	7753	F2
2396	C6	3274	A8	3824	A7	7754	F2
2397	D6	3275	B8	3825	A7	7755	F2
2445	E8	3276	B8	3826	A7	7801	C9
2447	E8	3277	A8	3827	A7	7802	D8
2491	G6	3303	A4	3828	A7	7821	A7
2492	F5	3305	B4	3829	A7	7822	A7
2493	F4	3307	B4	3842	B8	7823	B7
2495	F5	3314	A4	3843	B8	7824	A7
2497	F5	3317	B4	3844	C7	7825	A6
2685	B1	3318	B4	3845	C7	7826	A6
2701	A1	3319	B4	3846	C7	7842	C8
						7843	B8
						7845	C7

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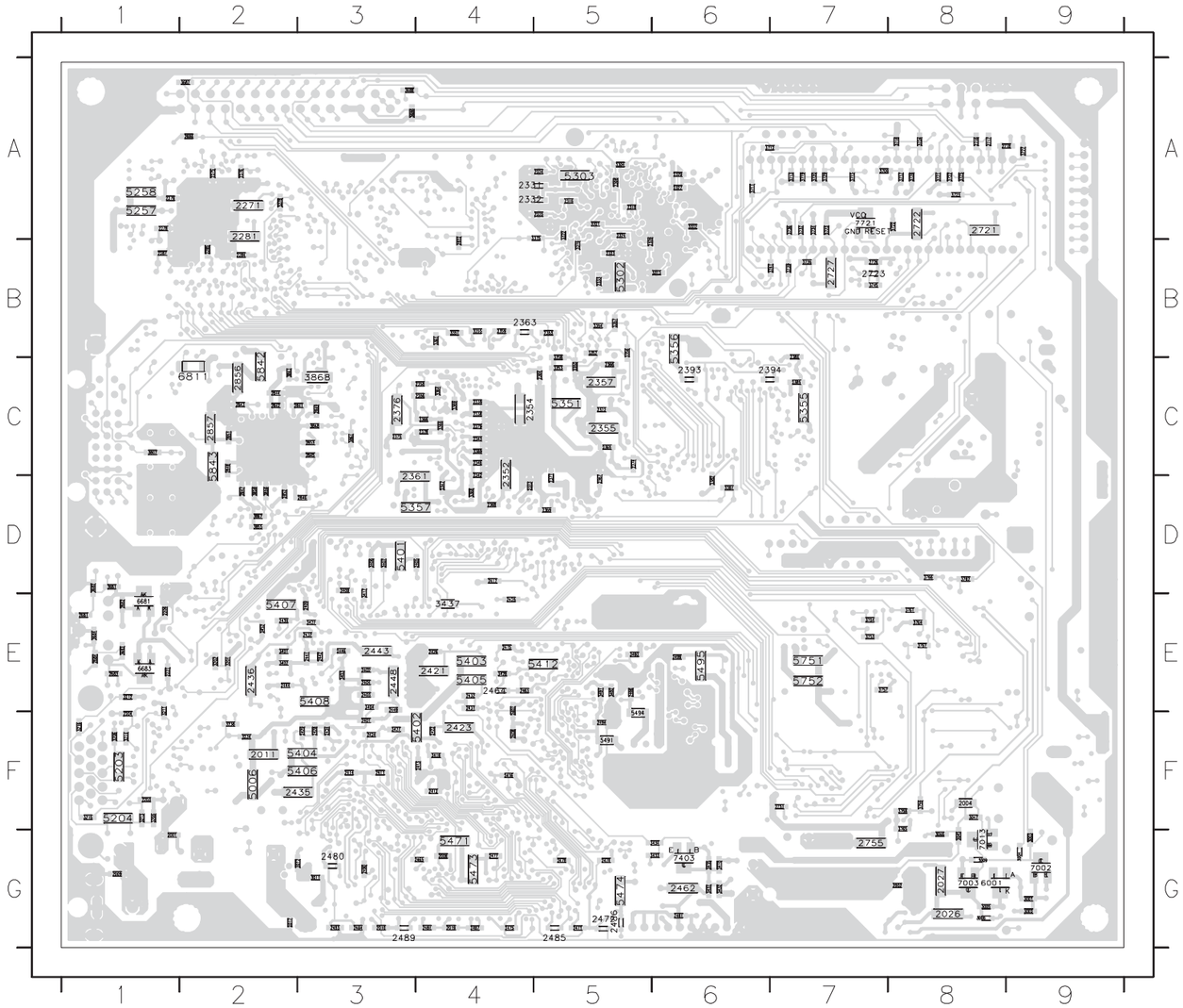
CN: TYT12	LMT 300WN5		
CLASS NO. 3XX000	Scaler Board LMT 300WN5	3138 103 5999	1 2003-12-19
1 2 2003-12-19 3			
NAME Kevin Chuang/Dabby	SUPERS	2	10 132 - 1 A3
CHECK	DATE 2003-12-19	© Philips Electronics N.V.	

Scaler PCB C.B.A.-2



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2002	G8	2427	F3	3215	F1	3766	D8
2004	F8	2428	F3	3216	F1	3767	E8
2008	G4	2429	F3	3234	F2	3807	C1
2009	G1	2431	E4	3236	F2	3841	K2
2010	G3	2432	E4	3278	A2	3848	C3
2011	F2	2434	F3	3304	A5	3855	D2
2017	C2	2435	F3	3313	B5	3856	D2
2019	G4	2436	F3	3315	B5	3858	D2
2026	G8	2437	F3	3316	B5	3861	K3
2027	G8	2439	E2	3321	A5	3867	D2
2203	F1	2441	F3	3322	A5	3868	F3
2204	F1	2442	F3	3332	A5	5006	F2
2206	F1	2443	F3	3350	A5	5205	F1
2221	F1	2444	E2	3351	B4	5204	F1
2271	A2	2446	E3	3352	B5	5257	A1
2275	A2	2448	E3	3353	B5	5258	A1
2276	A2	2449	E3	3354	B5	5302	B5
2278	A1	2452	E3	3355	B4	5303	A5
2279	A1	2461	G6	3356	B5	5351	C5
2281	A2	2462	G6	3357	B5	5355	C7
2284	B2	2463	E4	3358	C5	5356	B6
2285	B2	2464	E4	3361	B4	5357	D3
2287	B1	2465	C4	3364	C4	5401	D3
2308	A5	2471	G5	3365	C4	5402	F4
2316	A5	2472	G5	3366	C4	5403	E4
2318	A5	2474	G5	3368	D4	5404	F3
2324	B5	2475	G4	3369	C4	5405	E4
2327	A6	2477	G4	3381	D6	5406	F4
2328	B5	2478	G5	3382	D6	5407	E2
2329	A6	2480	G3	3389	C4	5408	F3
2331	A4	2481	G4	3401	F2	5412	E5
2332	A4	2483	G3	3402	F3	5471	G4
2333	B5	2484	G4	3403	F3	5473	G4
2334	A5	2485	G5	3404	F3	5474	G5
2335	A5	2486	G5	3406	D3	5491	F5
2338	C4	2487	G4	3407	D3	5494	F5
2339	C4	2489	G3	3409	D5	5495	F6
2342	C4	2490	F5	3410	D6	5722	A7
2343	C4	2494	F5	3416	F4	5723	A7
2346	C4	2496	F5	3417	D3	5751	E7
2347	C4	2499	E6	3427	E3	5752	E7
2353	C4	2681	F1	3428	E4	5842	C2
2354	C4	2682	F1	3431	G6	5843	C2
2355	B5	2683	F1	3432	G6	6001	G8
2356	C4	2684	F1	3433	G6	6681	F1
2357	C5	2686	A2	3434	G6	6683	F1
2361	C4	2716	A8	3435	G6	6811	C2
2362	C5	2717	A8	3437	E4	7002	G8
2363	B4	2718	A9	3491	E5	7003	G8
2364	C5	2721	A8	3492	E5	7013	G8
2366	C5	2722	A8	3493	E5	7403	G6
2367	D5	2726	B7	3681	D1	7721	A7
2368	D4	2727	F7	3682	D1		
2369	D5	2751	F7	3683	E1		
2371	D5	2755	G7	3684	E1		
2372	C5	2822	B4	3686	A3		
2373	D4	2841	C3	3687	A2		
2374	C5	2842	C3	3688	A3		
2375	C3	2843	C2	3709	A7		
2376	C4	2844	C2	3711	A6		
2378	C4	2845	C3	3712	A6		
2379	C4	2846	D3	3713	A7		
2384	B7	2847	D2	3715	A7		
2385	C7	2848	C2	3717	A8		
2393	C6	2849	C3	3718	A8		
2394	C7	2851	C2	3719	A7		
2401	F3	2852	D2	3720	A7		
2402	F3	2853	C3	3721	A8		
2403	F3	2856	C2	3722	A8		
2404	F3	2857	C2	3723	A8		
2405	F4	3001	G9	3724	A8		
2407	F4	3002	G9	3725	A8		
2408	F4	3003	G9	3727	A9		
2409	E3	3004	G9	3728	A6		
2411	F3	3005	G8	3729	A7		
2412	F4	3006	G8	3734	A7		
2413	F4	3009	G8	3735	B7		
2414	F3	3011	G3	3736	A7		
2415	E4	3012	G3	3737	A7		
2416	F4	3045	G8	3739	B7		
2417	D4	3046	G8	3741	B7		
2421	E4	3047	F8	3745	B7		
2422	F4	3201	E2	3753	E7		
2423	F4	3202	E2	3754	E7		
2424	F3	3205	F1	3757	E7		
2425	E4	3206	F1	3758	F8		
		3211	E1	3759	F8		
		3212	E1	3761	E8		
		3213	F1	3762	D8		
				3764	E8		

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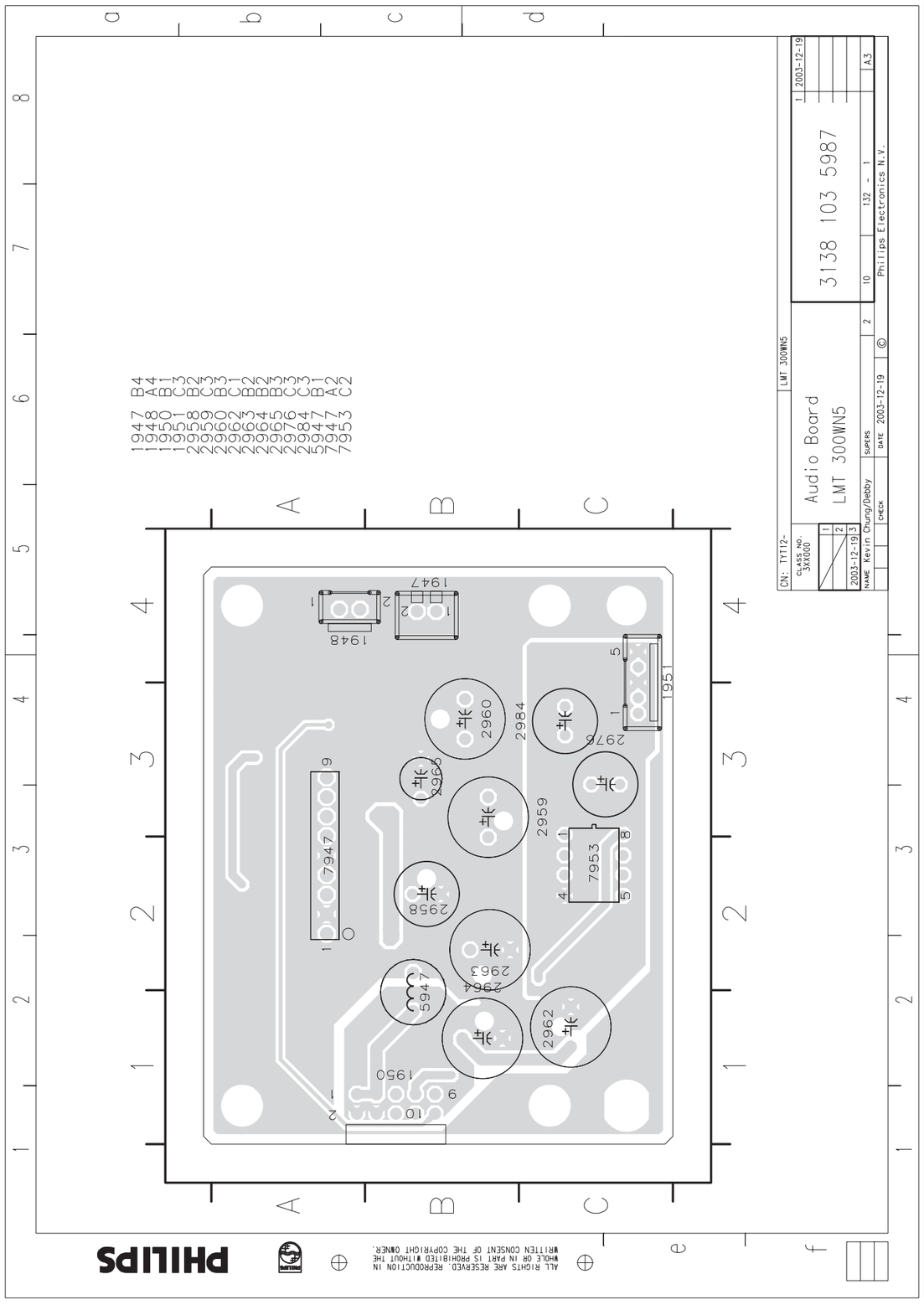
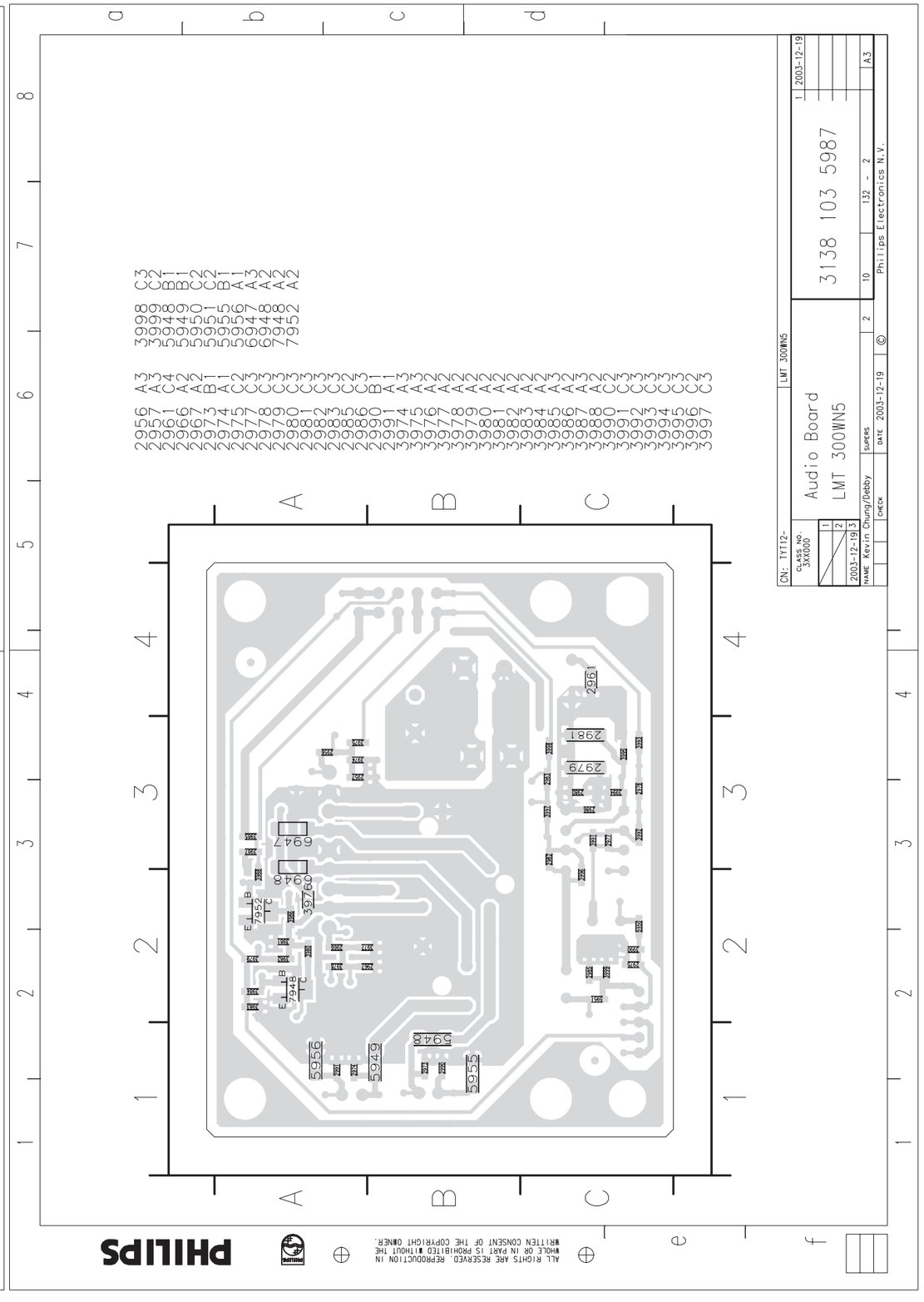
CN: TYT12		LMT 300WN5	
CLASS NO. 3XX000	Scaler Board LMT 300WN5	3138 103 5999	1 2003-12-19
2003-12-19			
NAME Kevin Chuang/Dabby	SUPERS 2	10 132 - 2	A3
CHECK	DATE 2003-12-19	© Philips Electronics N.V.	

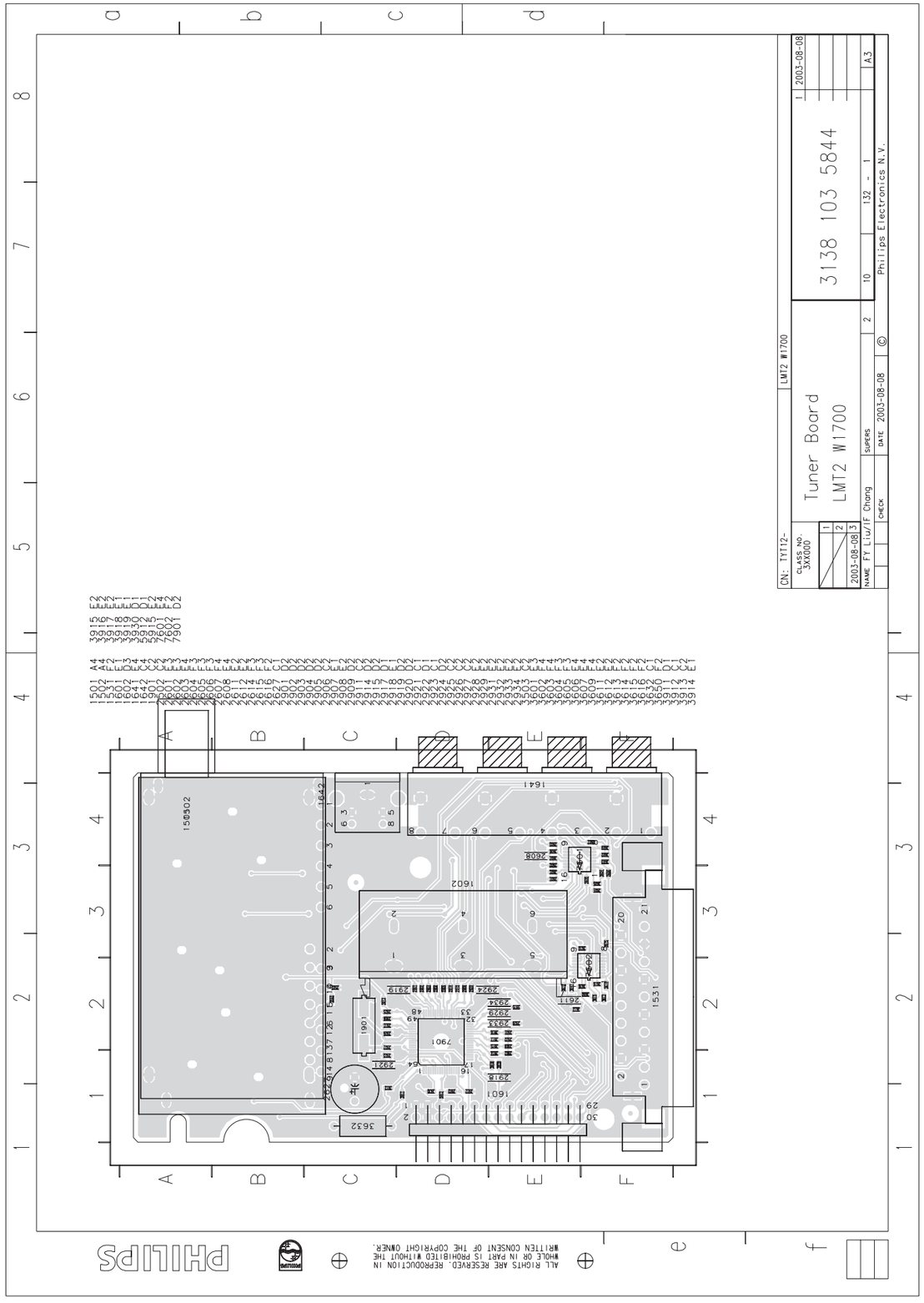
Go to cover page

Audio PCB C.B.A.





TV Box(Video) C.B.A.



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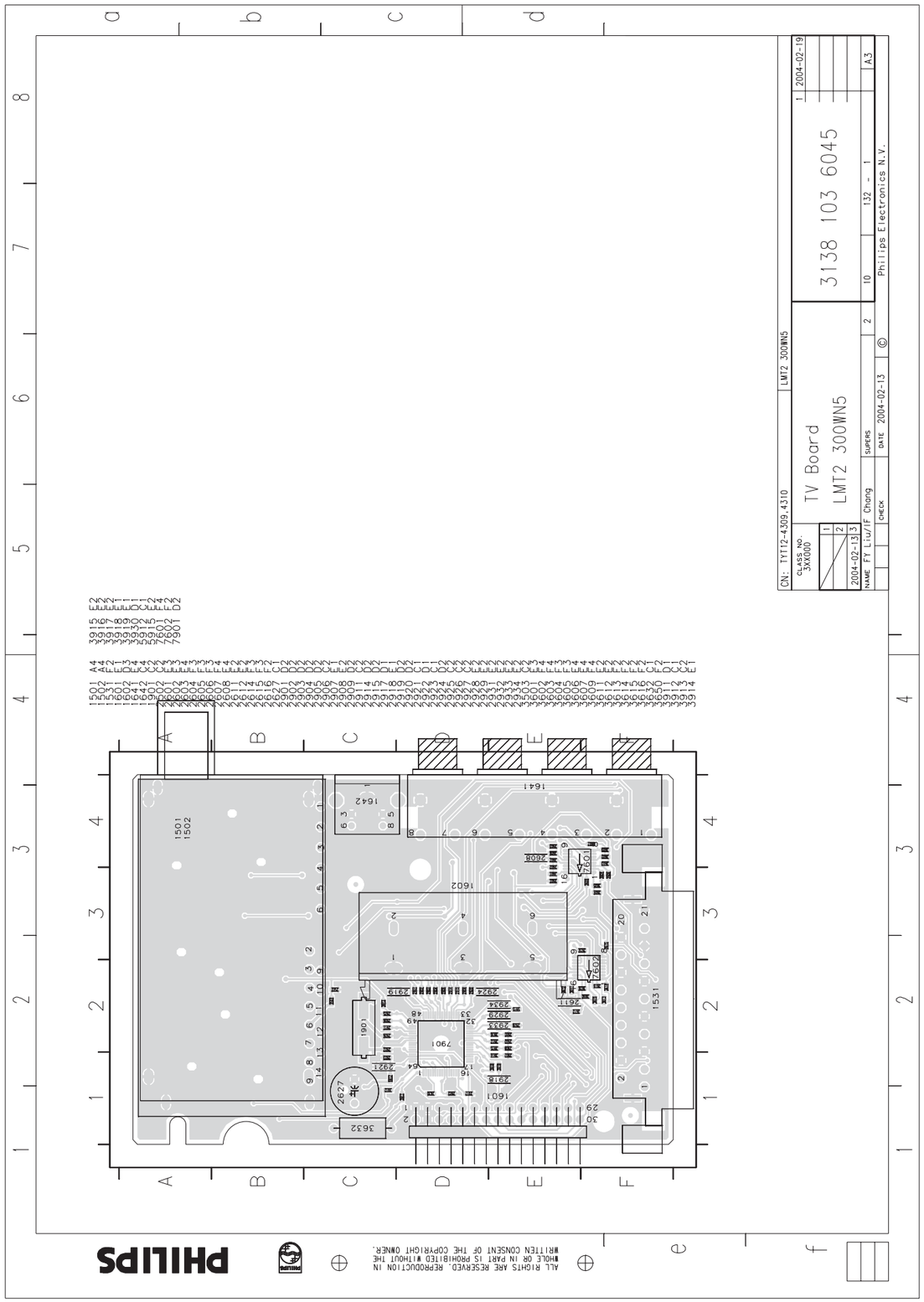
TV Box(TV) PCB C.B.A.



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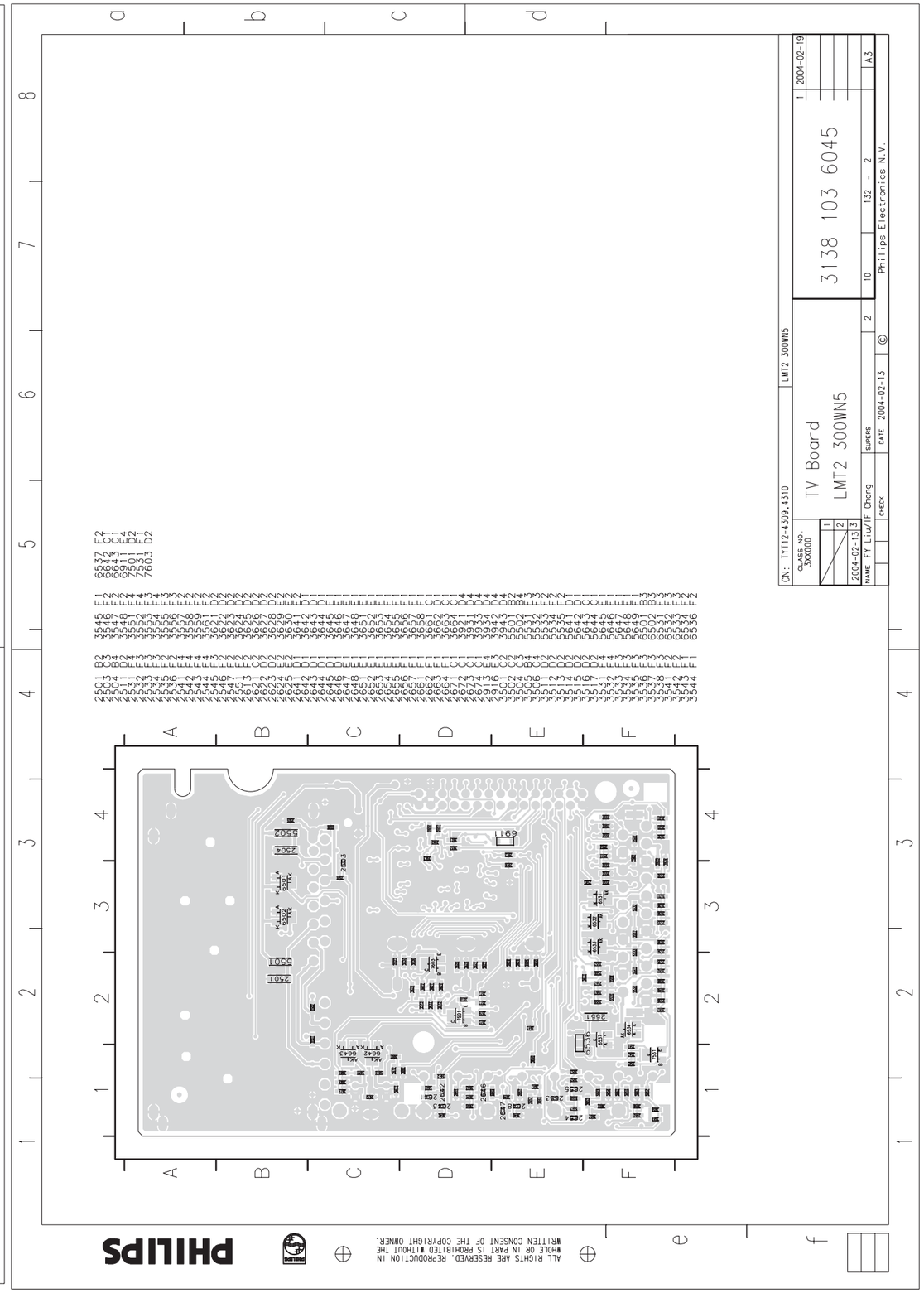

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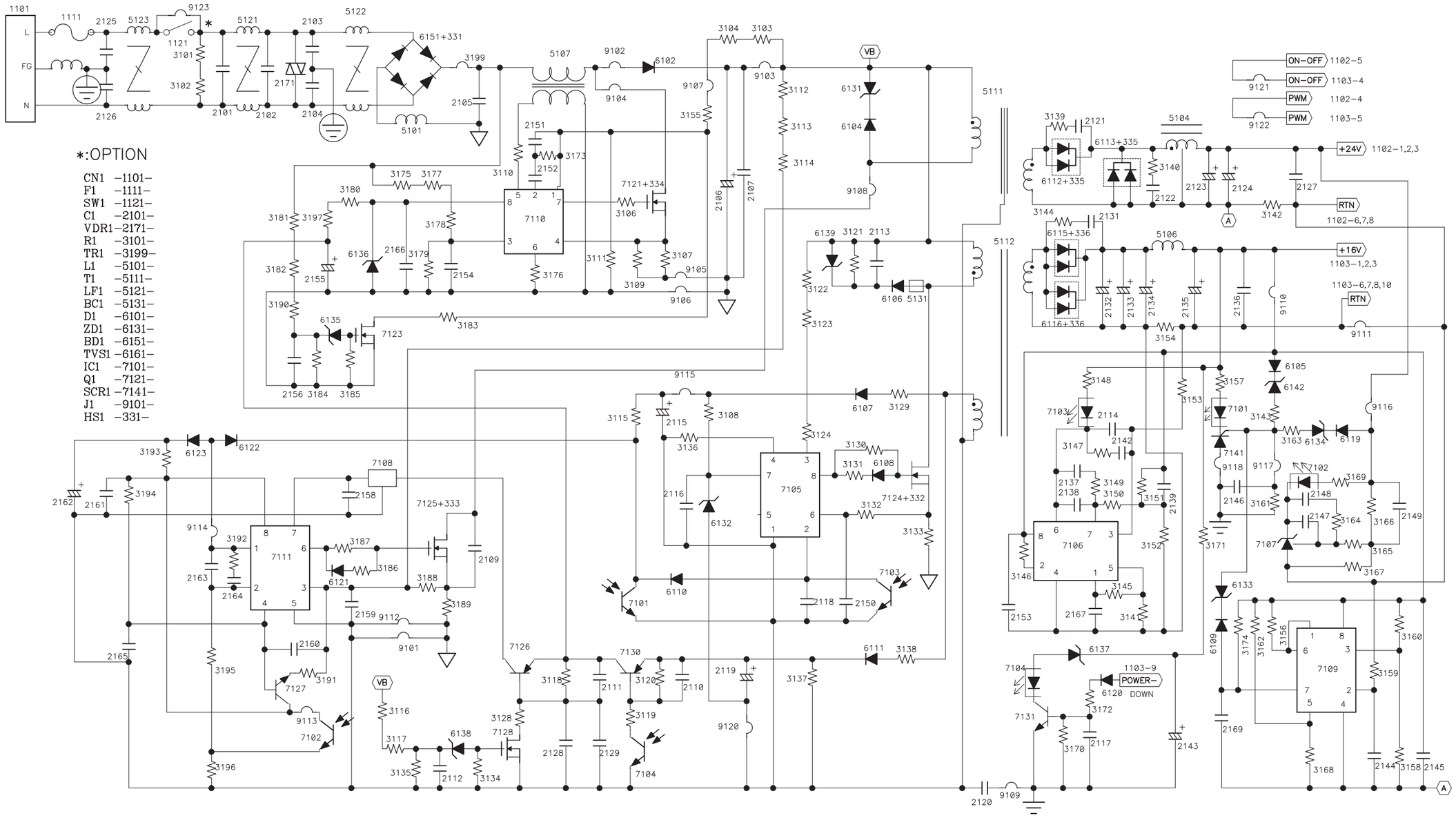
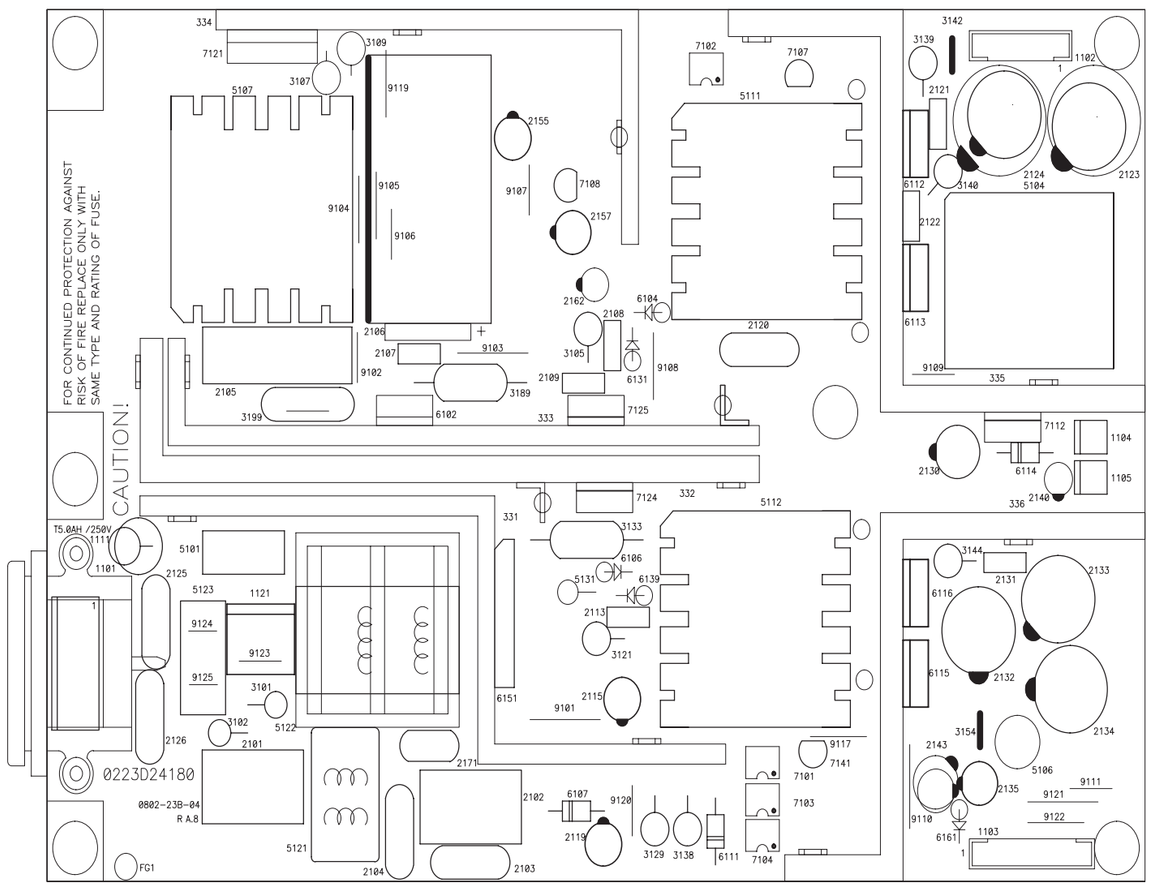
Power Board Diagram



LI SHIN INTERNATIONAL ENTERPRISE CORPORATION 力信興業股份有限公司		Approved:		DESCRIPTION:	PART NO.:	USED ON LSE0223B-04XX	A.4	CHANGE ALL PART NO.	92/10/31	
		Designed					A.3	ADD C25 & C26	92/10/31	
DO NOT SCALE		Drawn	FANG	Material:	SHEET 1 of 1	3D FILE	A.2	DEL C25-26'L5'TVS2	92/10/17	
THIRD ANGLE PROJECTION	UNITS: mm	A4 SIZE	DATE	92-11-04	Treatment:	DWG NO. J0223B-04RA4	REV. RA.4	A.1	ADD LF3,J24-J25	92/10/15	
								REV.	DESCRIPTION	DATE	APP

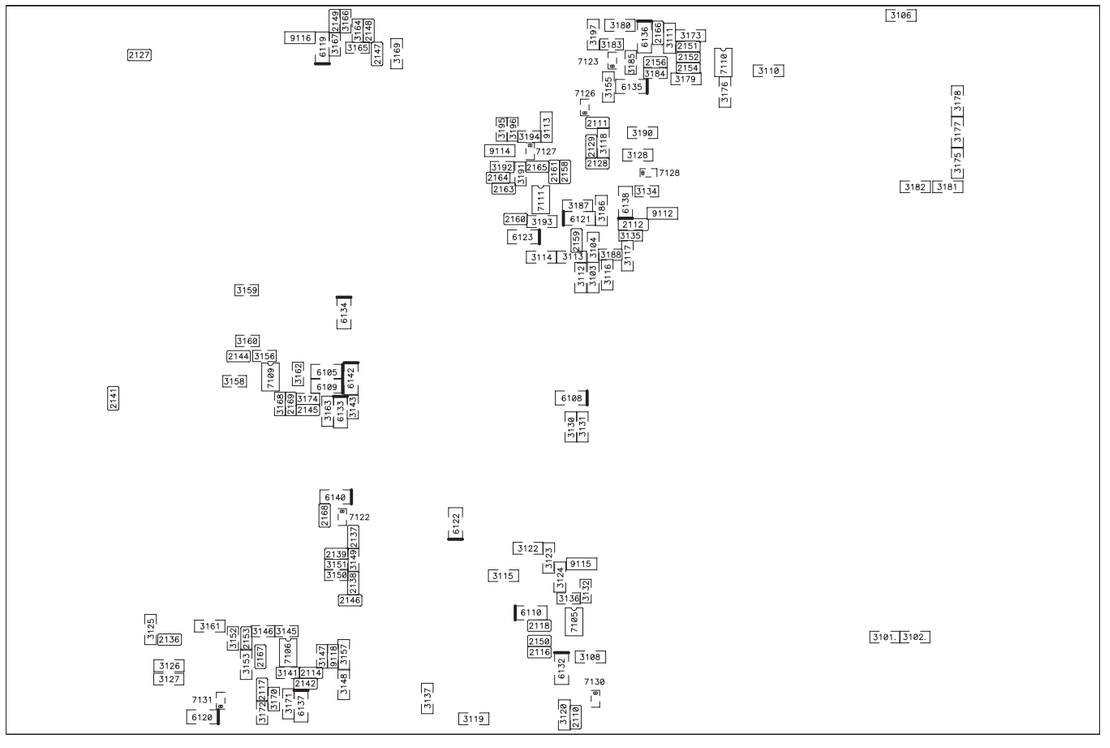
TV Box(TV) PCB C.B.A.



CN1 -1101-
F1 -1111-
SW1 -1121-
C1 -2101-
VDR1-2171
R1 -3101-
TR1 -3199-
L1 -5101-
T1 -5111-
LF1 -5121-
BC1 -5131-
D1 -6101-
ZD1 -6131-
BD1 -6151-
TVS1-6161-
IC1 -7101-
Q1 -7121-
SCR1-7141-
J1 -9101-
HS1 -331-

LI SHIN INTERNATIONAL ENTERPRISE CORPORATION 力信興業股份有限公司	Approved:		DESCRIPTION: COMPONENT SLKSCR	PART NO.: S0802-2305-A80	USED ON 0223D24180		
	Designed						
DO NOT SCALE	Drawn	FANG	Material:	SHEET 1 OF 5	3D FILE		
THIRD ANGLE PROJECTION / UNITS: mm / A4 SIZE	DATE	92-11-13	Treatment: +/-0.20	DWG NO. K0223B-04RA8	REV. R A.8		

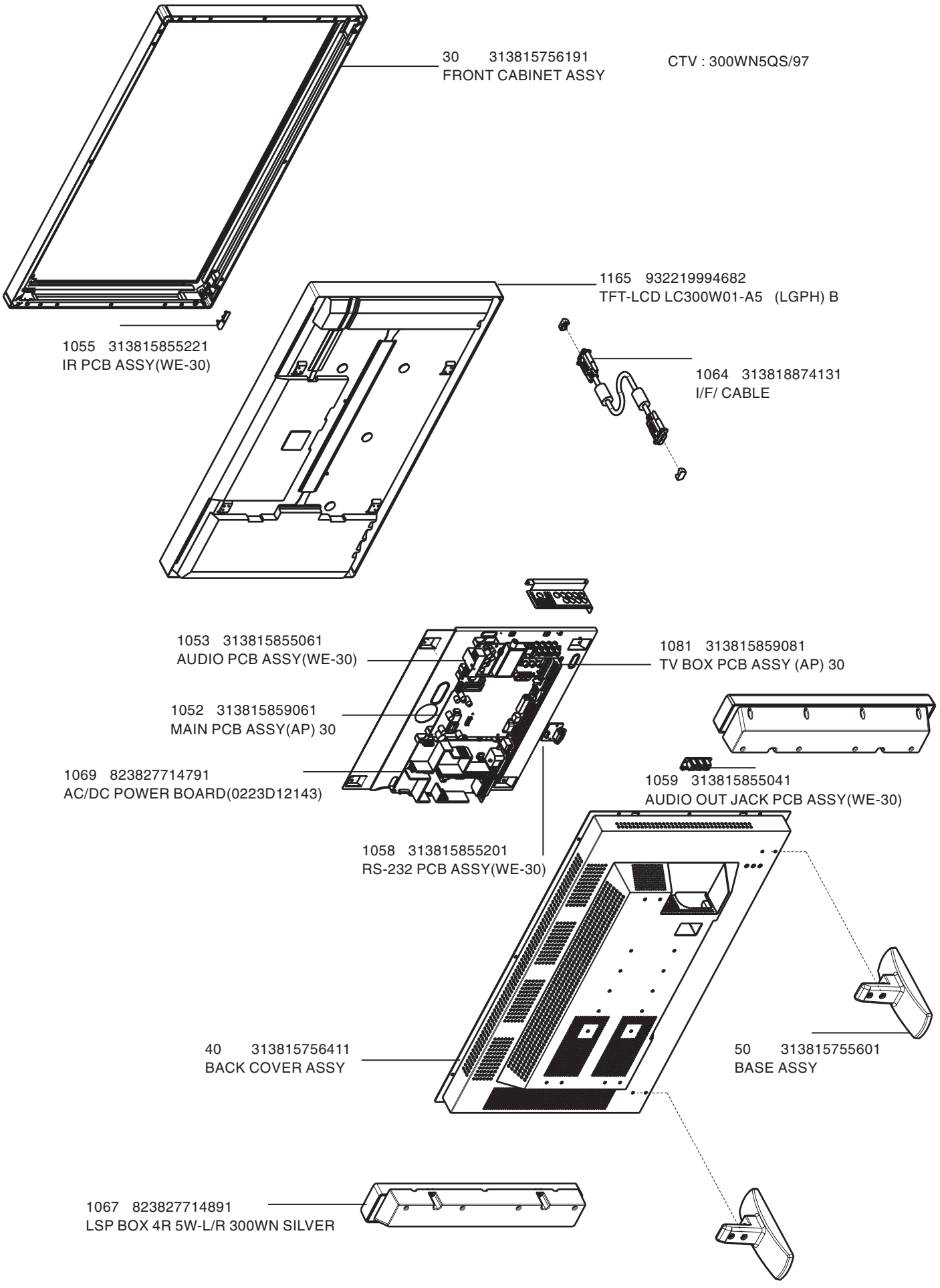
REV.	DESCRIPTION	DATE	APP
A7/A.8	[illegible]	92-11-13	
A.6	?Y	92-11-06	
A.5	99999999	92-10-30	
A.4	[illegible]	92-10-22	
A.3	CHANGE C23&24 SIZE, DEL C25'C26'TVS2	92-10-17	
A.2	CHANGE C43 6Q-8Q, LF2 SIZE,ADD LF3,J24-25	92-10-15	
A.1	[illegible]	92-09-18	



LI SHIN INTERNATIONAL ENTERPRISE CORPORATION 力信興業股份有限公司	Approved:		DESCRIPTION: COMPONENT (SMD)	PART NO.: S0802-2305-A80	USED ON 0223D24180		
	Designed						
DO NOT SCALE	Drawn	FANG	Material:	SHEET 2 OF 5	3D FILE		
THIRD ANGLE PROJECTION / UNITS: mm / A4 SIZE	DATE	92-11-13	Treatment: +/-0.20	DWG NO. K0223B-04RA8	REV. R A.8		

REV.	DESCRIPTION	DATE	APP

Exploded View



Spare Parts List

CTV: 300WN5QS/97

Mechanical Parts

30	313815756191	FRONT CABINET ASSY
31	313815135441	FRONT CABINET - AI
32	313815412291	FRONT CORNER-LENS
33	313815412281	FRONT CORNER-RT
34	313815410821	LENS
35	313815135331	PHILIPS LOGO
40	313815756411	BACK COVER ASSY
41	313815134751	BACK COVER
42	313815410811	CONTROL BOTTON
50	313815755601	BASE ASSY
102	313810440571	HOUSING COVER

LCD Panel + Inverter

1165	932219994682	TFT-LCD LC300W01-A5 (LGPH) B

Packing

450	313815637241	CARTON
451	313815636661	CUSHION-BTM
452	313815636671	CUSHION-TR
453	313815636681	CUSHION-TL
456	313810645301	PE BAG

Accessory

601	313811706761	E-D.F.U. ASSY
1060	313812874931	MAINSCORD
1064	313818874131	I/F/ CABLE
1067	823827714891	LSP BOX 4R 5W-L/R 300WN SILVER
1071	929900010137	BAT ZNC 1.5V R6/AA 2-PACK Y
1072	313922889481	PRODUCT ASSY RC25107/00 PACKED

PCB Assy

1052	313815859061	MAIN PCB ASSY(AP) 30
1053	313815855061	AUDIO PCB ASSY(WE-30)
1054	313815855211	KEY CONTROL PCB ASSY(WE-30)
1055	313815855221	IR PCB ASSY(WE-30)
1058	313815855201	RS-232 PCB ASSY(WE-30)
1059	313815855041	AUDIO OUT JACK PCB ASSY(WE-30)
1069	823827714791	AC/DC POWER BOARD(0223D12143)
1081	313815859081	TV BOX PCB ASSY (AP) 30

Miscellanea

291	313815562341	LABEL-PC
292	313815562341	LABEL-PC
295	313815562351	LABEL-TV
296	313815562351	LABEL-TV
615	313811706471	HEX CODE OFF/W (NO MATL REQ)
616	313811706481	HEX CODE OFF/W (NO MATL REQ)
1087	242212803035	SWI TACT SM 1P 1POS SKQGAB R
1088	242212803035	SWI TACT SM 1P 1POS SKQGAB R
1089	242212803035	SWI TACT SM 1P 1POS SKQGAB R
1090	242212802864	SWI PUSH 2P 0.2A 30V ESB64 B
1091	242212803035	SWI TACT SM 1P 1POS SKQGAB R
1092	242212803035	SWI TACT SM 1P 1POS SKQGAB R
1093	242212803035	SWI TACT SM 1P 1POS SKQGAB R
1302	243854300096	RES XTL SM 24M576 16P SMD-49 R
1351	242254301371	RES XTL SM 13M5 20P HC49/S R
1401	243854300092	OSC XTL SM 14M318 CXO6N R
1501	313914720401	FRONTEND FQ1216PN/I
1702	272217108815	OSC XTL SM 12MHZ 15P CXO6N R
1753	243854300087	RES XTL SM 22M1184 20P HC49/S
1901	242254301372	RES XTL SM 18M432 16P HC49/S R
8069	823827714961	WIRE INVERTER 8P+15P+15P
8070	823827714921	WIRE LVDS 20P
8075	313819870111	CORD DVI 18+1/1M8/18+1 DVI BK
8076	313818874551	CORD MD 4/1M8/4 MD M/M BK
8151	823827714931	WIRE CONTROL 10P+4P+6P
8152	823827714951	WIRE POWER 10P
8156	823827714941	WIRE EARPHONE 8P+5P+2P+2P
8157	823827714971	WIRE RS232 5P
8158	823827715041	WIRE AC SWITCH 2P

Main PCB Assy

2002	223858619812	CER2 0603 Y5V 50V 100N P8020 R
2004	222278019867	CER2 0805 Y5V 16V 2U2 P8020 R
2005	223878615649	CER2 0603 X7R 16V 100N PM10 R
2006	202203500026	ELCAP TH 25V S 470U PM20 B
2007	202203100074	ELCAP KM 16V S 1000U PM20 B
2011	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2013	202203500017	ELCAP TH 25V S 100U PM20 B
2014	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2015	202203100074	ELCAP KM 16V S 1000U PM20 B
2016	223878615649	CER2 0603 X7R 16V 100N PM10 R
2017	223878615649	CER2 0603 X7R 16V 100N PM10 R
2018	202203500017	ELCAP TH 25V S 100U PM20 B
2021	223858615636	CER2 0603 X7R 50V 10N PM10 R
2024	202203500026	ELCAP TH 25V S 470U PM20 B
2026	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2027	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2028	223858619812	CER2 0603 Y5V 50V 100N P8020 R
2029	202203500017	ELCAP TH 25V S 100U PM20 B
2097	202203500017	ELCAP TH 25V S 100U PM20 B
2202	223886715568	CER1 0603 NP0 50V 5P6 PM0P5 R
2203	223886715229	CER1 0603 NP0 50V 22P PM5 R
2204	223886715229	CER1 0603 NP0 50V 22P PM5 R
2205	223878615649	CER2 0603 X7R 16V 100N PM10 R
2206	223878615649	CER2 0603 X7R 16V 100N PM10 R
2208	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2211	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2212	223886715568	CER1 0603 NP0 50V 5P6 PM0P5 R
2213	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2214	223886715568	CER1 0603 NP0 50V 5P6 PM0P5 R
2215	223878615649	CER2 0603 X7R 16V 100N PM10 R
2218	222278019867	CER2 0805 Y5V 16V 2U2 P8020 R
2251	223858615631	CER2 0603 X7R 50V 3N9 PM10 R
2252	223878615649	CER2 0603 X7R 16V 100N PM10 R
2253	223878615644	CER2 0603 X7R 16V 39N PM10 R
2254	223858615632	CER2 0603 X7R 50V 4N7 PM10 R
2255	223858615623	CER2 0603 X7R 50V 1N PM10 R
2256	223858615632	CER2 0603 X7R 50V 4N7 PM10 R
2257	223858615632	CER2 0603 X7R 50V 4N7 PM10 R
2258	223878615649	CER2 0603 X7R 16V 100N PM10 R
2263	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2264	223878615649	CER2 0603 X7R 16V 100N PM10 R
2265	223878615649	CER2 0603 X7R 16V 100N PM10 R
2271	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2275	223878615649	CER2 0603 X7R 16V 100N PM10 R
2276	223878615649	CER2 0603 X7R 16V 100N PM10 R
2278	223878615649	CER2 0603 X7R 16V 100N PM10 R
2279	223878615649	CER2 0603 X7R 16V 100N PM10 R
2281	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2283	223878615649	CER2 0603 X7R 16V 100N PM10 R
2284	223878615649	CER2 0603 X7R 16V 100N PM10 R
2285	223878615649	CER2 0603 X7R 16V 100N PM10 R
2287	223878615649	CER2 0603 X7R 16V 100N PM10 R
2301	223878615645	CER2 0603 X7R 16V 47N PM10 R
2302	223878615645	CER2 0603 X7R 16V 47N PM10 R
2303	223878615645	CER2 0603 X7R 16V 47N PM10 R
2304	223878615645	CER2 0603 X7R 16V 47N PM10 R
2305	223878615645	CER2 0603 X7R 16V 47N PM10 R
2306	223878615645	CER2 0603 X7R 16V 47N PM10 R
2307	223878615645	CER2 0603 X7R 16V 47N PM10 R
2308	223878615645	CER2 0603 X7R 16V 47N PM10 R
2309	223878615645	CER2 0603 X7R 16V 47N PM10 R
2311	223878615645	CER2 0603 X7R 16V 47N PM10 R
2312	223878615645	CER2 0603 X7R 16V 47N PM10 R
2313	223878615645	CER2 0603 X7R 16V 47N PM10 R
2314	223878615645	CER2 0603 X7R 16V 47N PM10 R
2315	223878615645	CER2 0603 X7R 16V 47N PM10 R
2316	223878615645	CER2 0603 X7R 16V 47N PM10 R
2317	223878615645	CER2 0603 X7R 16V 47N PM10 R
2318	223878615645	CER2 0603 X7R 16V 47N PM10 R
2319	223878615645	CER2 0603 X7R 16V 47N PM10 R
2321	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2323	223878615649	CER2 0603 X7R 16V 100N PM10 R
2324	223878615649	CER2 0603 X7R 16V 100N PM10 R
2326	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2327	223878615649	CER2 0603 X7R 16V 100N PM10 R
2328	223878615649	CER2 0603 X7R 16V 100N PM10 R
2329	223878615649	CER2 0603 X7R 16V 100N PM10 R
2331	223878615649	CER2 0603 X7R 16V 100N PM10 R
2332	223878615649	CER2 0603 X7R 16V 100N PM10 R
2333	223878615649	CER2 0603 X7R 16V 100N PM10 R
2334	223886715159	CER1 0603 NP0 50V 15P PM5 R
2335	223886715159	CER1 0603 NP0 50V 15P PM5 R
2338	223878615649	CER2 0603 X7R 16V 100N PM10 R
2339	223878615649	CER2 0603 X7R 16V 100N PM10 R
2342	223878615649	CER2 0603 X7R 16V 100N PM10 R
2343	223878615649	CER2 0603 X7R 16V 100N PM10 R
2345	223878615649	CER2 0603 X7R 16V 100N PM10 R
2346	223878615649	CER2 0603 X7R 16V 100N PM10 R
2347	223878615649	CER2 0603 X7R 16V 100N PM10 R
2352	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2353	223878615649	CER2 0603 X7R 16V 100N PM10 R
2354	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2355	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2356	223886715339	CER1 0603 NP0 50V 33P PM5 R
2357	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2358	223886715339	CER1 0603 NP0 50V 33P PM5 R
2359	223878615649	CER2 0603 X7R 16V 100N PM10 R
2361	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2362	223878615649	CER2 0603 X7R 16V 100N PM10 R
2363	223878615649	CER2 0603 X7R 16V 100N PM10 R
2364	223878615649	CER2 0603 X7R 16V 100N PM10 R
2365	223878615649	CER2 0603 X7R 16V 100N PM10 R
2366	223878615649	CER2 0603 X7R 16V 100N PM10 R
2367	223878615649	CER2 0603 X7R 16V 100N PM10 R
2368	223878615649	CER2 0603 X7R 16V 100N PM10 R
2369	223878615649	CER2 0603 X7R 16V 100N PM10 R
2371	223878615649	CER2 0603 X7R 16V 100N PM10 R
2372	223878615649	CER2 0603 X7R 16V 100N PM10 R
2373	223878615649	CER2 0603 X7R 16V 100N PM10 R
2374	223878615649	CER2 0603 X7R 16V 100N PM10 R
2382	223878615649	CER2 0603 X7R 16V 100N PM10 R
2383	223878615649	CER2 0603 X7R 16V 100N PM10 R
2384	223878615649	CER2 0603 X7R 16V 100N PM10 R
2385	223878615649	CER2 0603 X7R 16V 100N PM10 R
2386	223878615649	CER2 0603 X7R 16V 100N PM10 R
2387	223878615649	CER2 0603 X7R 16V 100N PM10 R
2388	223878615649	CER2 0603 X7R 16V 100N PM10 R
2389	223878615649	CER2 0603 X7R 16V 100N PM10 R
2392	223878615649	CER2 0603 X7R 16V 100N PM10 R
2393	223878615649	CER2 0603 X7R 16V 100N PM10 R
2394	223878615649	CER2 0603 X7R 16V 100N PM10 R
2395	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2396	223878615649	CER2 0603 X7R 16V 100N PM10 R
2397	223878615649	CER2 0603 X7R 16V 100N PM10 R
2401	223858615623	CER2 0603 X7R 50V 1N PM10 R
2402	223858615623	CER2 0603 X7R 50V 1N PM10 R
2403	223878615649	CER2 0603 X7R 16V 100N PM10 R
2404	223878615649	CER2 0603 X7R 16V 100N PM10 R
2405	223878615649	CER2 0603 X7R 16V 100N PM10 R
2407	223878615649	CER2 0603 X7R 16V 100N PM10 R
2408	223878615649	CER2 0603 X7R 16V 100N PM10 R
2409	223878615649	CER2 0603 X7R 16V 100N PM10 R
2411	223878615649	CER2 0603 X7R 16V 100N PM10 R
2412	223878615649	CER2 0603 X7R 16V 100N PM10 R
2413	223878615649	CER2 0603 X7R 16V 100N PM10 R
2414	223878615649	CER2 0603 X7R 16V 100N PM10 R
2415	223878615649	CER2 0603 X7R 16V 100N PM10 R
2416	223878615649	CER2 0603 X7R 16V 100N PM10 R
2417	223878615649	CER2 0603 X7R 16V 100N PM10 R
2421	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2422	223878615649	CER2 0603 X7R 16V 100N PM10 R
2423	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2424	223878615649	CER2 0603 X7R 16V 100N PM10 R
2425	223878615649	CER2 0603 X7R 16V 100N PM10 R
2426	223878615649	CER2 0603 X7R 16V 100N PM10 R
2427	223878615649	CER2 0603 X7R 16V 100N PM10 R
2428	223858615623	CER2 0603 X7R 50V 1N PM10 R
2429	223878615649	CER2 0603 X7R 16V 100N PM10 R
2431	223878615649	CER2 0603 X7R 16V 100N PM10 R
2432	223878615649	CER2 0603 X7R 16V 100N PM10 R
2434	223878615649	CER2 0603 X7R 16V 100N PM10 R
2435	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2436	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2437	223878615649	CER2 0603 X7R 16V 100N PM10 R
2439	223878615649	CER2 0603 X7R 16V 100N PM10 R
2441	223878615649	CER2 0603 X7R 16V 100N PM10 R
2442	223878615649	CER2 0603 X7R 16V 100N PM10 R
2443	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2444	223878615649	CER2 0603 X7R 16V 100N PM10 R
2445	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2446	223858615623	CER2 0603 X7R 50V 1N PM10 R
2447	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2448	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2449	223858615623	CER2 0603 X7R 50V 1N PM10 R
2452	223878615649	CER2 0603 X7R 16V 100N PM10 R
2461	223858619812	CER2 0603 Y5V 50V 100N P8020 R
2462	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2463	223886715109	CER1 0603 NP0 50V 10P PM5 R
2465	223886715568	CER1 0603 NP0 50V 5P6 PM0P5 R
2471	223878615649	CER2 0603 X7R 16V 100N PM10 R
2472	223878615649	CER2 0603 X7R 16V 100N PM10 R
2474	223878615649	CER2 0603 X7R 16V 100N PM10 R
2475	223878615649	CER2 0603 X7R 16V 100N PM10 R
2477	223878615649	CER2 0603 X7R 16V 100N PM10 R
2478	223878615649	CER2 0603 X7R 16V 100N PM10 R
2485	223878615649	CER2 0603 X7R 16V 100N PM10 R
2486	223878615649	CER2 0603 X7R 16V 100N PM10 R
2487	223878615649	CER2 0603 X7R 16V 100N PM10 R
2492	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2493	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2494	223878615649	CER2 0603 X7R 16V 100N PM10 R
2495	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2496	223878615649	CER2 0603 X7R 16V 100N PM10 R
2497	223878615649	CER2 0603 X7R 16V 100N PM10 R
2499	223858619812	CER2 0603 Y5V 50V 100N P8020 R
2681	223886715331	CER1 0603 NP0 50V 330P PM5 R
2682	223886715331	CER1 0603 NP0 50V 330P PM5 R
2683	223886715331	CER1 0603 NP0 50V 330P PM5 R
2684	223886715331	CER1 0603 NP0 50V 330P PM5 R
2685	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2686	223886715181	CER1 0603 NP0 50V 180P PM5 R
2701	223858615636	CER2 0603 X7R 50V 10N PM10 R
2702	223858615632	CER2 0603 X7R 50V 4N7 PM10 R
2703	223858615636	CER2 0603 X7R 50V 10N PM10 R
2705	223858615636	CER2 0603 X7R 50V 10N PM10 R
2706	223858615636	CER2 0603 X7R 50V 10N PM10 R
2708	223858615636	CER2 0603 X7R 50V 10N PM10 R
2716	223878615649	CER2 0603 X7R 16V 100N PM10 R
2717	223878615649	CER2 0603 X7R 16V 100N PM10 R
2718	223878615649	CER2 0603 X7R 16V 100N PM10 R
2721	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2722	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2723	223886715569	CER1 0603 NP0 50V 56P PM5 R
2725	223878615649	CER2 0603 X7R 16V 100N PM10 R

2726	223878615649	CER2 0603 X7R 16V 100N PM10 R
2727	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2728	223878615649	CER2 0603 X7R 16V 100N PM10 R
2751	223878615649	CER2 0603 X7R 16V 100N PM10 R
2752	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2753	223886715159	CER1 0603 NP0 50V 15P PM5 R
2754	223886715159	CER1 0603 NP0 50V 15P PM5 R
2755	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2757	223878615649	CER2 0603 X7R 16V 100N PM10 R
2801	223878615649	CER2 0603 X7R 16V 100N PM10 R
2802	223878615649	CER2 0603 X7R 16V 100N PM10 R
2803	223878615649	CER2 0603 X7R 16V 100N PM10 R
2804	223886715339	CER1 0603 NP0 50V 33P PM5 R
2805	223886715339	CER1 0603 NP0 50V 33P PM5 R
2811	223878615649	CER2 0603 X7R 16V 100N PM10 R
2821	223878615649	CER2 0603 X7R 16V 100N PM10 R
2822	223878615649	CER2 0603 X7R 16V 100N PM10 R
2823	223886715159	CER1 0603 NP0 50V 15P PM5 R
2824	223878615649	CER2 0603 X7R 16V 100N PM10 R
2825	223878615649	CER2 0603 X7R 16V 100N PM10 R
2826	223878615649	CER2 0603 X7R 16V 100N PM10 R
2841	223886715471	CER1 0603 NP0 50V 470P PM5 R
2842	223886715471	CER1 0603 NP0 50V 470P PM5 R
2843	223886715471	CER1 0603 NP0 50V 470P PM5 R
2844	223886715471	CER1 0603 NP0 50V 470P PM5 R
2845	223886715471	CER1 0603 NP0 50V 470P PM5 R
2846	223886715471	CER1 0603 NP0 50V 470P PM5 R
2847	223886715471	CER1 0603 NP0 50V 470P PM5 R
2848	223886715471	CER1 0603 NP0 50V 470P PM5 R
2849	223886715471	CER1 0603 NP0 50V 470P PM5 R
2851	223886715471	CER1 0603 NP0 50V 470P PM5 R
2852	223886715471	CER1 0603 NP0 50V 470P PM5 R
2853	223886715471	CER1 0603 NP0 50V 470P PM5 R
2855	202203500017	ELCAP TH 25V S 100U PM20 B
2856	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2857	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2858	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2861	223886715339	CER1 0603 NP0 50V 33P PM5 R
2862	223886715228	CER1 0603 NP0 50V 2P2 PM0P25 R
2863	223878615649	CER2 0603 X7R 16V 100N PM10 R
2864	223886715339	CER1 0603 NP0 50V 33P PM5 R

3001	212211805678	RST SM 0603 RC0603 47K PM5 R
3002	212211805668	RST SM 0603 RC0603 8K2 PM5 R
3003	212211805678	RST SM 0603 RC0603 47K PM5 R
3004	212211805678	RST SM 0603 RC0603 47K PM5 R
3005	212211805678	RST SM 0603 RC0603 47K PM5 R
3006	212211805674	RST SM 0603 RC0603 22K PM5 R
3007	232270462701	RST SM 0603 RC22H 270R PM1 R
3008	232270466201	RST SM 0603 RC22H 620R PM1 R
3009	212211805674	RST SM 0603 RC0603 22K PM5 R
3011	232270466201	RST SM 0603 RC22H 620R PM1 R
3012	232270466201	RST SM 0603 RC22H 620R PM1 R
3013	232270465101	RST SM 0603 RC22H 510R PM1 R
3015	212211805678	RST SM 0603 RC0603 47K PM5 R
3016	212211805682	RST SM 0603 RC0603 82K PM5 R
3017	212211805683	RST SM 0603 RC0603 100K PM5 R
3018	212211805678	RST SM 0603 RC0603 47K PM5 R
3020	232271191032	RST SM 1206 JUMP. MAX 0R05 R
3022	212010593648	RST MOX 2W RSS S 4R7 PM5 B
3023	232270461601	RST SM 0603 RC22H 160R PM1 R
3024	232270465102	RST SM 0603 RC22H 5K1 PM1 R
3025	232270466201	RST SM 0603 RC22H 620R PM1 R
3029	212010593647	RST MOX 2W RSS S 2R7 PM5 B
3034	213810500082	RST MOX 1W RSS S 0R82 PM5 B
3037	213810500082	RST MOX 1W RSS S 0R82 PM5 B
3039	212211805643	RST SM 0603 RC0603 100R PM5 R
3041	232270461502	RST SM 0603 RC22H 1K5 PM1 R
3042	232270260201	RST SM 0603 RC21 200R PM5 R
3043	232270461002	RST SM 0603 RC22H 1K PM1 R
3045	212211805685	RST SM 0603 RC0603 220K PM5 R
3046	212211805683	RST SM 0603 RC0603 100K PM5 R
3047	212211805684	RST SM 0603 RC0603 150K PM5 R
3203	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3205	212211805661	RST SM 0603 RC0603 2K2 PM5 R
3206	212211805661	RST SM 0603 RC0603 2K2 PM5 R
3207	212211805692	RST SM 0603 RC0603 4M7 PM5 R
3208	212211805643	RST SM 0603 RC0603 100R PM5 R
3209	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3211	212211805669	RST SM 0603 RC0603 10K PM5 R
3212	212211805669	RST SM 0603 RC0603 10K PM5 R
3213	212211805647	RST SM 0603 RC0603 220R PM5 R
3214	212211805647	RST SM 0603 RC0603 220R PM5 R
3215	212211805643	RST SM 0603 RC0603 100R PM5 R
3216	212211805643	RST SM 0603 RC0603 100R PM5 R
3217	232270467509	RST SM 0603 RC22H 75R PM1 R
3218	232270467509	RST SM 0603 RC22H 75R PM1 R
3221	212211805645	RST SM 0603 RC0603 150R PM5 R
3222	232270467509	RST SM 0603 RC22H 75R PM1 R
3223	212211805643	RST SM 0603 RC0603 100R PM5 R
3224	212211805643	RST SM 0603 RC0603 100R PM5 R
3225	212211805643	RST SM 0603 RC0603 100R PM5 R
3226	212211805645	RST SM 0603 RC0603 150R PM5 R
3227	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3228	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3229	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3230	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3231	212211805643	RST SM 0603 RC0603 100R PM5 R
3234	212211805939	RST SM 0603 RC0603 7K5 PM5 R
3235	212211805946	RST SM 0603 RC0603 180K PM5 R
3236	212211805664	RST SM 0603 RC0603 3K9 PM5 R
3237	212211805946	RST SM 0603 RC0603 180K PM5 R
3238	212211805946	RST SM 0603 RC0603 180K PM5 R
3239	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3261	212211805661	RST SM 0603 RC0603 2K2 PM5 R
3264	212211805663	RST SM 0603 RC0603 3K3 PM5 R
3265	212211805661	RST SM 0603 RC0603 2K2 PM5 R
3266	212211805643	RST SM 0603 RC0603 100R PM5 R
3267	212211805643	RST SM 0603 RC0603 100R PM5 R
3271	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3272	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3273	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3274	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3275	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3276	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3277	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3278	212211805643	RST SM 0603 RC0603 100R PM5 R
3304	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3305	212211805652	RST SM 0603 RC0603 470R PM5 R
3307	212211805643	RST SM 0603 RC0603 100R PM5 R
3313	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3314	212211805663	RST SM 0603 RC0603 3K3 PM5 R
3315	212211805639	RST SM 0603 RC0603 47R PM5 R
3316	212211805639	RST SM 0603 RC0603 47R PM5 R
3317	212211805643	RST SM 0603 RC0603 100R PM5 R
3318	212211805643	RST SM 0603 RC0603 100R PM5 R
3319	212211805643	RST SM 0603 RC0603 100R PM5 R
3321	212211805639	RST SM 0603 RC0603 47R PM5 R
3322	212211805643	RST SM 0603 RC0603 100R PM5 R
3324	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3325	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3326	212211805639	RST SM 0603 RC0603 47R PM5 R
3332	212211805639	RST SM 0603 RC0603 47R PM5 R
3350	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3351	212211805669	RST SM 0603 RC0603 10K PM5 R
3352	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3354	212211805652	RST SM 0603 RC0603 470R PM5 R
3355	212211805669	RST SM 0603 RC0603 10K PM5 R
3356	212211805652	RST SM 0603 RC0603 470R PM5 R
3357	212211805652	RST SM 0603 RC0603 470R PM5 R
3361	212211805669	RST SM 0603 RC0603 10K PM5 R
3362	212211805669	RST SM 0603 RC0603 10K PM5 R
3363	212211805669	RST SM 0603 RC0603 10K PM5 R
3364	212211805687	RST SM 0603 RC0603 470K PM5 R
3368	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3369	212211805669	RST SM 0603 RC0603 10K PM5 R
3371	212211805637	RST SM 0603 RC0603 22R PM5 R
3372	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3373	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3374	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3375	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3376	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3377	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3381	212211805637	RST SM 0603 RC0603 22R PM5 R
3382	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3384	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3385	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3401	212211805635	RST SM 0603 RC0603 10R PM5 R
3402	212211805635	RST SM 0603 RC0603 10R PM5 R
3403	212211805635	RST SM 0603 RC0603 10R PM5 R
3404	212211805645	RST SM 0603 RC0603 150R PM5 R
3405	212211805643	RST SM 0603 RC0603 100R PM5 R
3406	212211805669	RST SM 0603 RC0603 10K PM5 R
3407	212211805669	RST SM 0603 RC0603 10K PM5 R
3408	212211805669	RST SM 0603 RC0603 10K PM5 R
3409	212211805669	RST SM 0603 RC0603 10K PM5 R
3411	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3412	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3413	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3414	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3415	235003510479	RST NETW SM ARV24 4X 47R PM5 R
3416	212211805637	RST SM 0603 RC0603 22R PM5 R
3417	212211805669	RST SM 0603 RC0603 10K PM5 R
3422	212211805647	RST SM 0603 RC0603 220R PM5 R
3424	235003510101	RST NETW SM ARV24 4X100R PM5 R
3427	212211805637	RST SM 0603 RC0603 22R PM5 R
3428	212211805639	RST SM 0603 RC0603 47R PM5 R
3429	212211805669	RST SM 0603 RC0603 10K PM5 R
3431	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3432	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3433	212211805678	RST SM 0603 RC0603 47K PM5 R
3434	212211805678	RST SM 0603 RC0603 47K PM5 R
3437	213811291002	RST SM 0805 JUMP. MAX 0R05 R
3481	235003510101	RST NETW SM ARV24 4X100R PM5 R
3482	235003510101	RST NETW SM ARV24 4X100R PM5 R
3483	235003510101	RST NETW SM ARV24 4X100R PM5 R
3484	235003510101	RST NETW SM ARV24 4X100R PM5 R
3485	235003510101	RST NETW SM ARV24 4X100R PM5 R
3486	235003510101	RST NETW SM ARV24 4X100R PM5 R
3487	212211805669	RST SM 0603 RC0603 10K PM5 R
3488	212211805635	RST SM 0603 RC0603 10R PM5 R
3489	212211805635	RST SM 0603 RC0603 10R PM5 R
3491	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3493	212211805669	RST SM 0603 RC0603 10K PM5 R
3681	232270461002	RST SM 0603 RC22H 1K PM1 R
3682	212211805675	RST SM 0603 RC0603 27K PM5 R
3683	232270461002	RST SM 0603 RC22H 1K PM1 R
3684	212211805675	RST SM 0603 RC0603 27K PM5 R
3686	212211805678	RST SM 0603 RC0603 47K PM5 R
3701	212211805643	RST SM 0603 RC0603 100R PM5 R
3702	212211805643	RST SM 0603 RC0603 100R PM5 R
3703	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3704	212261200066	NTC DC TTC-103 S 10K PM5 B
3705	212211805653	RST SM 0603 RC0603 560R PM5 R
3708	212211805656	RST SM 0603 RC0603 1K PM5 R
3709	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3711	212211805643	RST SM 0603 RC0603 100R PM5 R
3712	212211805643	RST SM 0603 RC0603 100R PM5 R
3713	212211805678	RST SM 0603 RC0603 47K PM5 R
3715	232270463303	RST SM 0603 RC22H 33K PM1 R
3717	212211805678	RST SM 0603 RC0603 47K PM5 R
3718	212211805678	RST SM 0603 RC0603 47K PM5 R
3719	212211805678	RST SM 0603 RC0603 47K PM5 R
3720	212211805678	RST SM 0603 RC0603 47K PM5 R
3721	212211805678	RST SM 0603 RC0603 47K PM5 R
3722	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3723	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3724	212211805643	RST SM 0603 RC0603 100R PM5 R
3725	212211805643	RST SM 0603 RC0603 100R PM5 R
3726	212211805678	RST SM 0603 RC0603 47K PM5 R
3727	232270462403	RST SM 0603 RC22H 24K PM1 R
3728	212211805678	RST SM 0603 RC0603 47K PM5 R
3729	212211805678	RST SM 0603 RC0603 47K PM5 R
3731	212211805645	RST SM 0603 RC0603 150R PM5 R
3732	212211805645	RST SM 0603 RC0603 150R PM5 R
3733	212211805645	RST SM 0603 RC0603 150R PM5 R
3734	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3735	212211805643	RST SM 0603 RC0603 100R PM5 R
3736	212211805668	RST SM 0603 RC0603 8K2 PM5 R
3737	212211805643	RST SM 0603 RC0603 100R PM5 R
3738	235003510472	RST NETW SM ARV24 4X 4K7 PM5 R
3739	212211805643	RST SM 0603 RC0603 100R PM5 R
3740	212211805643	RST SM 0603 RC0603 100R PM5 R
3741	212211805643	RST SM 0603 RC0603 100R PM5 R
3742	212211805643	RST SM 0603 RC0603 100R PM5 R
3743	212211805643	RST SM 0603 RC0603 100R PM5 R
3744	212211805643	RST SM 0603 RC0603 100R PM5 R
3745	212211805656	RST SM 0603 RC0603 1K PM5 R
3751	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3752	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3753	212211805643	RST SM 0603 RC0603 100R PM5 R
3754	212211805643	RST SM 0603 RC0603 100R PM5 R
3756	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3757	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3758	212211805669	RST SM 0603 RC0603 10K PM5 R
3761	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3762	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3763	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3764	212211805669	RST SM 0603 RC0603 10K PM5 R
3765	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3766	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3768	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3769	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3772	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3801	212211805669	RST SM 0603 RC0603 10K PM5 R
3802	212211805669	RST SM 0603 RC0603 10K PM5 R
3803	212211805643	RST SM 0603 RC0603 100R PM5 R
3804	212211805643	RST SM 0603 RC0603 100R PM5 R
3805	212211805645	RST SM 0603 RC0603 150R PM5 R
3806	212211805645	RST SM 0603 RC0603 150R PM5 R
3807	212211805643	RST SM 0603 RC0603 100R PM5 R
3811	212211805656	RST SM 0603 RC0603 1K PM5 R
3812	212211805678	RST SM 0603 RC0603 47K PM5 R
3813	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3814	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3815	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3816	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3824	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3829	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3841	212211805651	RST SM 0603 RC0603 390R PM5 R
3844	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3846	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3847	212211805669	RST SM 0603 RC0603 10K PM5 R
3848	212211805631	RST SM 0603 JUMP. MAX 0R05 R

Spare Parts List

3849	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3852	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3854	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3861	212211805639	RST SM 0603 RC0603 47R PM5 R
3862	212211805639	RST SM 0603 RC0603 47R PM5 R
3863	212211805639	RST SM 0603 RC0603 47R PM5 R
3864	212211805639	RST SM 0603 RC0603 47R PM5 R
3865	212211805639	RST SM 0603 RC0603 47R PM5 R
3868	232271161228	RST SM 1206 RC01 2R2 PM5 R

5001	313816877221	DRUM CHOKE 68UH/3A
5005	313816874261	TI321611G800-SMD
5006	313816874261	TI321611G800-SMD
5011	313816874261	TI321611G800-SMD
5013	242253600036	IND FXD TSL0808 S 100U PM10 A
5201	313816874261	TI321611G800-SMD
5202	313816874261	TI321611G800-SMD
5203	313816874261	TI321611G800-SMD
5204	313816874261	TI321611G800-SMD
5205	313816874261	TI321611G800-SMD
5206	242253595853	IND FXD SM 0603 0U10 PM10 R
5251	313816874261	TI321611G800-SMD
5257	313816874261	TI321611G800-SMD
5258	313816874261	TI321611G800-SMD
5301	313816874261	TI321611G800-SMD
5302	313816874261	TI321611G800-SMD
5303	313816874261	TI321611G800-SMD
5304	313816874261	TI321611G800-SMD
5351	313816874261	TI321611G800-SMD
5352	313816874261	TI321611G800-SMD
5353	313816874261	TI321611G800-SMD
5354	313816874261	TI321611G800-SMD
5355	313816874261	TI321611G800-SMD
5356	313816874261	TI321611G800-SMD
5357	313816874261	TI321611G800-SMD
5401	313816874261	TI321611G800-SMD
5402	313816874261	TI321611G800-SMD
5403	313816874261	TI321611G800-SMD
5404	313816874261	TI321611G800-SMD
5405	313816874261	TI321611G800-SMD
5406	313816874261	TI321611G800-SMD
5407	313816874261	TI321611G800-SMD
5408	313816874261	TI321611G800-SMD
5411	242253595853	IND FXD SM 0603 0U10 PM10 R
5412	313816874261	TI321611G800-SMD
5473	313816874261	TI321611G800-SMD
5474	313816874261	TI321611G800-SMD
5491	242254942103	IND FXD 0805 EMI 100MHZ 2K2 R
5494	242254942103	IND FXD 0805 EMI 100MHZ 2K2 R
5495	313816874261	TI321611G800-SMD
5496	242254942103	IND FXD 0805 EMI 100MHZ 2K2 R
5701	242253595853	IND FXD SM 0603 0U10 PM10 R
5721	242253595853	IND FXD SM 0603 0U10 PM10 R
5722	242253595853	IND FXD SM 0603 0U10 PM10 R
5723	242253595853	IND FXD SM 0603 0U10 PM10 R
5724	242253595853	IND FXD SM 0603 0U10 PM10 R
5752	313816874261	TI321611G800-SMD
5801	242254944197	IND FXD 0805 EMI 100MHZ 220R R
5821	313816874261	TI321611G800-SMD
5842	242254943409	IND FXD 1206 EMI 100MHZ 50R R
5843	242254943409	IND FXD 1206 EMI 100MHZ 50R R
5844	242254943409	IND FXD 1206 EMI 100MHZ 50R R

6001	933770400215	DIO REG SM BZX84-B16 (PHSE) R
6002	932208282668	DIO REC SM SS34 (VISH) R
6098	932215579685	DIO REC SM EC31QS04 (NIEC) R
6211	933913910115	DIO SIG SM BAS32L (PHSE) R
6212	933913910115	DIO SIG SM BAS32L (PHSE) R
6811	933913910115	DIO SIG SM BAS32L (PHSE) R
6812	933913910115	DIO SIG SM BAS32L (PHSE) R

7001	932215923668	IC SM LM2596SX-5.0 (NSC0) R
7002	932217438685	TRA SIG SM BC847C (KEC0) R
7003	932217438685	TRA SIG SM BC847C (KEC0) R
7004	932217438685	TRA SIG SM BC847C (KEC0) R
7005	932211529668	FET POW SM SI9433DY (VISH) R
7006	932220212685	IC SM LM217D2 (ST00) R
7008	932220212685	IC SM LM217D2 (ST00) R
7009	932217562687	IC SM LD1085D2T33 (ST00) L
7010	932217173668	IC SM LM2594M-ADJ (NSC0) R
7011	932220212685	IC SM LM217D2 (ST00) R
7013	932217438685	TRA SIG SM BC847C (KEC0) R
7202	932214526668	IC SM M24C02-WMN6 (ST00) R
7203	935260739118	IC SM 74LVC14APW (PHSE) R
7206	932217743685	IC SM LM810M3-4.0 (NSC0) R
7252	932220196672	IC SM MST9883-110 (MSTA) Y
7301	932216733668	IC SM LD1117S33 (ST00) R
7302	935267395518	IC SM SAA7118E/V1 (PHSE) R
7351	932219049671	IC SM FLI2300-AB (GEMI) Y
7352	823827712951	IC SM HY57V643220CT-6
7402	932220135671	IC SM JAGASM-AE (GEMI) Y
7403	932217438685	TRA SIG SM BC847C (KEC0) R
7471	932219576671	IC SM M12L64322A-7T (ESMT) Y
7491	932217686668	IC SM THC63LVDM83A (THIN) R
7681	932213067676	IC L78L08ACZ (ST00) A
7701	823827712931	IC SAA5562 PS/M3
7702	935210550118	IC SM 74LVC163DB (PHSE) R
7703	935250000118	IC SM 74LVC02ADB (PHSE) R
7721	932219334685	IC SM LM810M3-2.93 (NSC0) R
7722	932214725682	IC M24C16-WBN6 (ST00) L
7751	935218650118	IC SM 74LVC373APW (PHSE) R
7752	932214725682	IC M24C16-WBN6 (ST00) L
7753	932220056682	IC SM MX10E8050XQC (MACR) L
7754	932219106682	IC SM AT49LV002NT-90JC (ATME)L
7755	932216554668	IC SM 74LCX139T (ST00) R
7801	932214526668	IC SM M24C02-WMN6 (ST00) R
7802	932220012668	IC SM TC74LVX4053FT (TOSJ) R
7821	932219513668	IC SM M74HC590M (ST00) R
7822	932215366668	IC SM CY7C199-15ZC (CYPR) R
7823	935187000118	IC SM 74HC573PW (PHSE) R
7824	935187000118	IC SM 74HC573PW (PHSE) R
7825	932219513668	IC SM M74HC590M (ST00) R
7826	932210315685	TRA SIG SM MMBT2369AL (ONSE) R
7842	932220098671	IC SM SII151BCT100 (SIIM) Y

Audio PCB Assy

2956	223824615654	CER2 0603 X7R 10V 220N PM10 R
2957	223886715101	CER1 0603 NP0 50V 100P PM5 R
2958	202203100227	ELCAP KM 25V S 100U PM20 B
2959	202203100068	ELCAP GL 25V S 470U PM20 B
2960	202203100068	ELCAP GL 25V S 470U PM20 B
2961	223891015649	CER2 0805 X7R 25V 100N PM10 R
2962	202203100068	ELCAP GL 25V S 470U PM20 B
2963	202203100132	ELCAP LZ 25V S 1000U PM20 B
2964	202203100132	ELCAP LZ 25V S 1000U PM20 B
2965	202203100213	ELCAP KM 25V S 47U PM20 B
2966	223824615654	CER2 0603 X7R 10V 220N PM10 R
2967	223886715101	CER1 0603 NP0 50V 100P PM5 R
2973	223858615623	CER2 0603 X7R 50V 1N PM10 R
2974	223858615623	CER2 0603 X7R 50V 1N PM10 R
2975	223858615636	CER2 0603 X7R 50V 10N PM10 R
2976	202203100126	ELCAP EB 16V S 220U PM20 B
2977	223886715101	CER1 0603 NP0 50V 100P PM5 R
2978	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2979	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2980	223878615649	CER2 0603 X7R 16V 100N PM10 R
2981	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2982	223886715101	CER1 0603 NP0 50V 100P PM5 R
2983	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2984	202203100126	ELCAP EB 16V S 220U PM20 B
2985	223858615636	CER2 0603 X7R 50V 10N PM10 R
2986	223891619849	CER2 0603 Y5V 25V 100N P8020 R
2990	223858615623	CER2 0603 X7R 50V 1N PM10 R
2991	223858615623	CER2 0603 X7R 50V 1N PM10 R

3974	212211805674	RST SM 0603 RC0603 22K PM5 R
3975	212211805656	RST SM 0603 RC0603 1K PM5 R
3976	232273462001	RST SM 0805 RC12H 200R PM1 R
3977	212211805674	RST SM 0603 RC0603 22K PM5 R
3978	212211805656	RST SM 0603 RC0603 1K PM5 R
3979	212211805674	RST SM 0603 RC0603 22K PM5 R
3980	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3982	212211805669	RST SM 0603 RC0603 10K PM5 R
3983	212211805671	RST SM 0603 RC0603 12K PM5 R
3984	212211805671	RST SM 0603 RC0603 12K PM5 R
3985	212211805674	RST SM 0603 RC0603 22K PM5 R
3986	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3987	212211805671	RST SM 0603 RC0603 12K PM5 R
3988	212211805671	RST SM 0603 RC0603 12K PM5 R
3990	212211805669	RST SM 0603 RC0603 10K PM5 R
3991	212211805674	RST SM 0603 RC0603 22K PM5 R
3992	212211805674	RST SM 0603 RC0603 22K PM5 R
3993	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3994	212211805663	RST SM 0603 RC0603 3K3 PM5 R
3995	212211805663	RST SM 0603 RC0603 3K3 PM5 R
3996	212211805674	RST SM 0603 RC0603 22K PM5 R
3997	212211805674	RST SM 0603 RC0603 22K PM5 R
3998	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3999	212211805669	RST SM 0603 RC0603 10K PM5 R

5947	242253600428	IND FXD TSL0808 S 10U PM10 B
5948	313816874261	TI321611G800-SMD
5949	313816874261	TI321611G800-SMD
5950	242253595853	IND FXD SM 0603 0U10 PM10 R
5951	242253595853	IND FXD SM 0603 0U10 PM10 R
5955	313816874261	TI321611G800-SMD
5956	313816874261	TI321611G800-SMD

6947	933913910115	DIO SIG SM BAS32L (PHSE) R
6948	933913910115	DIO SIG SM BAS32L (PHSE) R

7947	935261847112	IC TDA1517/N3 (PHSE) L
7948	932217438685	TRA SIG SM BC847C (KEC0) R
7952	932217438685	TRA SIG SM BC847C (KEC0) R
7953	935172510112	IC TDA1308/N1 (PHSE) L

Key Control PCB Assy

2091	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2093	223878615649	CER2 0603 X7R 16V 100N PM10 R
2094	223878615649	CER2 0603 X7R 16V 100N PM10 R

3086	232270462202	RST SM 0603 RC22H 2K2 PM1 R
3087	232270465103	RST SM 0603 RC22H 51K PM1 R
3088	232270462703	RST SM 0603 RC22H 27K PM1 R
3089	232270461203	RST SM 0603 RC22H 12K PM1 R
3091	232270461004	RST SM 0603 RC22H 100K PM1 R

6086	933137380215	DIO REG SM BZX84-C4V7 (PHSE) R

IR PCB Assy

2071	223858619812	CER2 0603 Y5V 50V 100N P8020 R
2072	223858619812	CER2 0603 Y5V 50V 100N P8020 R

3071	212211805658	RST SM 0603 RC0603 1K5 PM5 R
3072	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3073	212211805647	RST SM 0603 RC0603 220R PM5 R
3074	212211805647	RST SM 0603 RC0603 220R PM5 R

6071	932219711682	OPT SEN L-97DSP7C (KIEL) B
6072	932219382682	LED VS L-3WSYKPBW (KIEL) B
6073	932220313667	IR RECEIVER TSOP34136SB1 L

7071	933967380685	TRA SIG SM BC858C (ONSE) R

RS232 PCB Assy

2081	223878615649	CER2 0603 X7R 16V 100N PM10 R
2082	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2085	222278019763	CER2 0805 Y5V 16V 1U PM20 R
2086	222278019763	CER2 0805 Y5V 16V 1U PM20 R
2087	222278019763	CER2 0805 Y5V 16V 1U PM20 R
2088	222278019763	CER2 0805 Y5V 16V 1U PM20 R
2089	222278019763	CER2 0805 Y5V 16V 1U PM20 R

3081	212211805652	RST SM 0603 RC0603 470R PM5 R
3082	212211805652	RST SM 0603 RC0603 470R PM5 R

6083	933215370215	DIO SIG SM BAV99 (PHSE) R
6084	933215370215	DIO SIG SM BAV99 (PHSE) R

7081	823827714861	IC SMDS14C232
7082	932208234676	IC L78L05ACZ (ST00) A

Audio Out Jack PCB Assy

2293	223858615623	CER2 0603 X7R 50V 1N PM10 R
2294	223858615623	CER2 0603 X7R 50V 1N PM10 R
2991	223858615634	CER2 0603 X7R 50V 6N8 PM10 R
2992	223858615634	CER2 0603 X7R 50V 6N8 PM10 R

TV Box PCB Assy(TV)

2501	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2502	223886715479	CER1 0603 NP0 50V 47P PM5 R
2503	223886715101	CER1 0603 NP0 50V 100P PM5 R
2504	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2511	223886715229	CER1 0603 NP0 50V 22P PM5 R
2621	223886715229	CER1 0603 NP0 50V 22P PM5 R
2622	223886715331	CER1 0603 NP0 50V 330P PM5 R
2623	223886715331	CER1 0603 NP0 50V 330P PM5 R
2624	223886715331	CER1 0603 NP0 50V 330P PM5 R
2625	223886715331	CER1 0603 NP0 50V 330P PM5 R
2627	202203100074	ELCAP KM 16V S 1000U PM20 B
2641	223886715689	CER1 0603 NP0 50V 68P PM5 R
2642	223886715121	CER1 0603 NP0 50V 120P PM5 R
2643	223886715689	CER1 0603 NP0 50V 68P PM5 R
2644	223886715331	CER1 0603 NP0 50V 330P PM5 R
2645	223886715331	CER1 0603 NP0 50V 330P PM5 R
2646	223886715689	CER1 0603 NP0 50V 68P PM5 R
2647	223886715121	CER1 0603 NP0 50V 120P PM5 R
2648	223886715689	CER1 0603 NP0 50V 68P PM5 R
2651	223886715331	CER1 0603 NP0 50V 330P PM5 R
2652	223886715331	CER1 0603 NP0 50V 330P PM5 R
2653	223886715689	CER1 0603 NP0 50V 68P PM5 R
2654	223886715121	CER1 0603 NP0 50V 120P PM5 R
2655	223886715689	CER1 0603 NP0 50V 68P PM5 R
2656	223886715101	CER1 0603 NP0 50V 100P PM5 R
2657	223886715229	CER1 0603 NP0 50V 22P PM5 R
2661	223886715331	CER1 0603 NP0 50V 330P PM5 R
2662	223886715331	CER1 0603 NP0 50V 330P PM5 R
2663	223886715331	CER1 0603 NP0 50V 330P PM5 R
2664	223886715331	CER1 0603 NP0 50V 330P PM5 R
2671	223886715101	CER1 0603 NP0 50V 100P PM5 R
2672	223886715229	CER1 0603 NP0 50V 22P PM5 R
2673	223886715101	CER1 0603 NP0 50V 100P PM5 R
2674	223886715229	CER1 0603 NP0 50V 22P PM5 R
2901	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2902	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2903	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2904	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2905	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2906	223886715159	CER1 0603 NP0 50V 15P PM5 R
2907	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2908	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2909	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2911	223886715479	CER1 0603 NP0 50V 47P PM5 R
2913	223858615632	CER2 0603 X7R 50V 4N7 PM10 R
2914	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2915	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2916	223858615632	CER2 0603 X7R 50V 4N7 PM10 R
2917	223824615654	CER2 0603 X7R 10V 220N PM10 R
2918	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2919	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2920	223878615649	CER2 0603 X7R 16V 100N PM10 R
2921	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2922	223886715471	CER1 0603 NP0 50V 470P PM5 R
2923	223878615649	CER2 0603 X7R 16V 100N PM10 R
2924	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2925	223878615649	CER2 0603 X7R 16V 100N PM10 R
2926	223886715159	CER1 0603 NP0 50V 15P PM5 R
2927	223886715159	CER1 0603 NP0 50V 15P PM5 R
2928	223878615649	CER2 0603 X7R 16V 100N PM10 R
2929	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2931	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2932	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2933	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2934	222224119876	CER2 1206 Y5V 10V 10U P8020 R

3501	212211805643	RST SM 0603 RC0603 100R PM5 R
3502	212211805643	RST SM 0603 RC0603 100R PM5 R
3503	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3504	232270260189	RST SM 0603 RC21 18R PM5 R
3505	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3511	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3512	212211805635	RST SM 0603 RC0603 10R PM5 R
3513	212211805643	RST SM 0603 RC0603 100R PM5 R
3514	232270467509	RST SM 0603 RC22H 75R PM1 R
3515	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3516	232270461002	RST SM 0603 RC22H 1K PM1 R
3517	232270467509	RST SM 0603 RC22H 75R PM1 R
3621	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3622	212211805635	RST SM 0603 RC0603 10R PM5 R
3623	212211805643	RST SM 0603 RC0603 100R PM5 R
3624	212211805639	RST SM 0603 RC0603 47R PM5 R
3625	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3626	232270461002	RST SM 0603 RC22H 1K PM1 R
3627	212211805643	RST SM 0603 RC0603 100R PM5 R
3628	212211805685	RST SM 0603 RC0603 220K PM5 R
3629	212211805643	RST SM 0603 RC0603 100R PM5 R
3630	212211805685	RST SM 0603 RC0603 220K PM5 R
3632	213810500082	RST MOX 1W RSS S 0R82 PM5 B
3641	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3642	232270467509	RST SM 0603 RC22H 75R PM1 R
3643	232270461002	RST SM 0603 RC22H 1K PM1 R
3644	212211805675	RST SM 0603 RC0603 27K PM5 R
3645	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3646	232270467509	RST SM 0603 RC22H 75R PM1 R
3647	232270461002	RST SM 0603 RC22H 1K PM1 R
3648	212211805675	RST SM 0603 RC0603 27K PM5 R
3650	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3651	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3652	232270467509	RST SM 0603 RC22H 75R PM1 R
3653	232270260189	RST SM 0603 RC21 18R PM5 R
3654	232270260569	RST SM 0603 RC21 56R PM5 R
3655	232270461002	RST SM 0603 RC22H 1K PM1 R
3656	212211805675	RST SM 0603 RC0603 27K PM5 R
3657	232270461002	RST SM 0603 RC22H 1K PM1 R
3658	212211805675	RST SM 0603 RC0603 27K PM5 R
3661	232270260189	RST SM 0603 RC21 18R PM5 R
3662	232270260569	RST SM 0603 RC21 56R PM5 R
3663	232270260189	RST SM 0603 RC21 18R PM5 R
3664	232270260569	RST SM 0603 RC21 56R PM5 R
3911	212211805643	RST SM 0603 RC0603 100R PM5 R
3912	212211805643	RST SM 0603 RC0603 100R PM5 R
3913	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3914	212211805643	RST SM 0603 RC0603 100R PM5 R
3915	212211805643	RST SM 0603 RC0603 100R PM5 R
3916	212211805643	RST SM 0603 RC0603 100R PM5 R
3917	212211805643	RST SM 0603 RC0603 100R PM5 R
3918	212211805643	RST SM 0603 RC0603 100R PM5 R
3919	212211805643	RST SM 0603 RC0603 100R PM5 R
3921	212211805675	RST SM 0603 RC0603 27K PM5 R
3930	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3931	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3933	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3934	212211805631	RST SM 0603 JUMP. MAX 0R05 R

5501	313816874261	TI321611G800-SMD
5502	313816874261	TI321611G800-SMD
5641	242253594565	IND FXD SM 0603 0U56 PM10 R
5642	242253594565	IND FXD SM 0603 0U56 PM10 R
5643	242253595853	IND FXD SM 0603 0U10 PM10 R
5644	242253595853	IND FXD SM 0603 0U10 PM10 R
5645	242253594565	IND FXD SM 0603 0U56 PM10 R
5646	242253594565	IND FXD SM 0603 0U56 PM10 R
5647	242253594565	IND FXD SM 0603 0U56 PM10 R
5648	242253594565	IND FXD SM 0603 0U56 PM10 R
5649	242253595853	IND FXD SM 0603 0U10 PM10 R
5912	242253595853	IND FXD SM 0603 0U10 PM10 R
5915	242253595853	IND FXD SM 0603 0U10 PM10 R

6911	933913910115	DIO SIG SM BAS32L (PHSE) R

7501	932217438685	TRA SIG SM BC847C (KEC0) R
7603	932217438685	TRA SIG SM BC847C (KEC0) R
7901	932220048702	IC SM MSP3410G-QI-B8V3 (MIAS)Y

Recommended spare parts list

Mechanical Parts

30	313815756191	FRONT CABINET ASSY
40	313815756411	BACK COVER ASSY
50	313815755601	BASE ASSY

Packing

450	313815637241	CARTON
451	313815636661	CUSHION-BTM
452	313815636671	CUSHION-TR
453	313815636681	CUSHION-TL

Accessory

601	313811706761	E-D.F.U. ASSY
1060	313812874931	MAINSCORD
1064	313818874131	I/F/ CABLE
1067	823827714891	LSP BOX 4R 5W-L/R 300WN SILVER
1071	929900010137	BAT ZNC 1.5V R6/AA 2-PACK Y
1072	313922889481	PRODUCT ASSY RC25107/00 PACKED

PCB Assy

1069	823827714791	AC/DC POWER BOARD(0223D12143)

Miscellanea

291	313815562341	LABEL-PC
292	313815562341	LABEL-PC
295	313815562351	LABEL-TV
296	313815562351	LABEL-TV
615	313811706471	HEX CODE OFF/W (NO MATL REQ)
616	313811706481	HEX CODE OFF/W (NO MATL REQ)
1302	243854300096	RES XTL SM 24M576 16P SMD-49 R
1351	242254301371	RES XTL SM 13M5 20P HC49/S R
1401	243854300092	OSC XTL SM 14M318 CXO6N R
1501	313914720401	FRONTEND FQ1216PN/I
1702	272217108815	OSC XTL SM 12MHZ 15P CXO6N R
1753	243854300087	RES XTL SM 22M1184 20P HC49/S
1901	242254301372	RES XTL SM 18M432 16P HC49/S R
8069	823827714961	WIRE INVERTER 8P+15P+15P
8070	823827714921	WIRE LVDS 20P
8075	313819870111	CORD DVI 18+1/1M8/18+1 DVI BK
8076	313818874551	CORD MD 4/1M8/4 MD M/M BK
8151	823827714931	WIRE CONTROL 10P+4P+6P
8152	823827714951	WIRE POWER 10P
8156	823827714941	WIRE EARPHONE 8P+5P+2P+2P
8157	823827714971	WIRE RS232 5P
8158	823827715041	WIRE AC SWITCH 2P
7001	932215923668	IC SM LM2596SX-5.0 (NSC0) R
7002	932217438685	TRA SIG SM BC847C (KEC0) R
7003	932217438685	TRA SIG SM BC847C (KEC0) R
7004	932217438685	TRA SIG SM BC847C (KEC0) R
7005	932211529668	FET POW SM SI9433DY (VISH) R
7006	932220212685	IC SM LM217D2 (ST00) R
7008	932220212685	IC SM LM217D2 (ST00) R
7009	932217562687	IC SM LD1085D2T33 (ST00) L
7010	932217173668	IC SM LM2594M-ADJ (NSC0) R
7011	932220212685	IC SM LM217D2 (ST00) R
7013	932217438685	TRA SIG SM BC847C (KEC0) R
7071	933967380685	TRA SIG SM BC858C (ONSE) R
7081	823827714861	IC SMDS14C232
7082	932208234676	IC L78L05ACZ (ST00) A
7202	932214526668	IC SM M24C02-WMN6 (ST00) R
7203	935260739118	IC SM 74LVC14APW (PHSE) R
7206	932217743685	IC SM LM810M3-4.0 (NSC0) R
7252	932220196672	IC SM MST9883-110 (MSTA) Y
7301	932216733668	IC SM LD1117S33 (ST00) R
7302	935267395518	IC SM SAA7118E/V1 (PHSE) R
7351	932219049671	IC SM FLI2300-AB (GEMI) Y
7352	823827712951	IC SM HY57V643220CT-6
7402	932220135671	IC SM JAGASM-AE (GEMI) Y
7403	932217438685	TRA SIG SM BC847C (KEC0) R
7471	932219576671	IC SM M12L64322A-7T (ESMT) Y
7491	932217686668	IC SM THC63LVDM83A (THIN) R
7501	932217438685	TRA SIG SM BC847C (KEC0) R
7603	932217438685	TRA SIG SM BC847C (KEC0) R
7681	932213067676	IC L78L08ACZ (ST00) A
7701	823827712931	IC SAA5562 PS/M3
7702	935210550118	IC SM 74LVC163DB (PHSE) R
7703	935250000118	IC SM 74LVC02ADB (PHSE) R
7721	932219334685	IC SM LM810M3-2.93 (NSC0) R
7722	932214725682	IC M24C16-WBN6 (ST00) L
7751	935218650118	IC SM 74LVC373APW (PHSE) R
7752	932214725682	IC M24C16-WBN6 (ST00) L
7753	932220056682	IC SM MX10E8050XQC (MACR) L
7754	932219106682	IC SM AT49LV002NT-90JC (ATME)L
7755	932216554668	IC SM 74LCX139T (ST00) R
7801	932214526668	IC SM M24C02-WMN6 (ST00) R
7802	932220012668	IC SM TC74LVX4053FT (TOSJ) R
7821	932219513668	IC SM M74HC590M (ST00) R
7822	932215366668	IC SM CY7C199-15ZC (CYPR) R
7823	935187000118	IC SM 74HC573PW (PHSE) R
7824	935187000118	IC SM 74HC573PW (PHSE) R
7825	932219513668	IC SM M74HC590M (ST00) R
7826	932210315685	TRA SIG SM MMBT2369AL (ONSE) R
7901	932220048702	IC SM MSP3410G-QI-B8V3 (MIAS)Y
7947	935261847112	IC TDA1517/N3 (PHSE) L
7948	932217438685	TRA SIG SM BC847C (KEC0) R
7952	932217438685	TRA SIG SM BC847C (KEC0) R
7953	935172510112	IC TDA1308/N1 (PHSE) L
7842	932220098671	IC SM SII151BCT100 (SIIM) Y

Different Parts List

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Diversity of 300WN5BB/00 comparing with 300WN5QS/97		
Item	12NC	Description
506	313815636691	CARTON
1052	313815859141	MAIN PCB ASSY(BASIC)
30	313815756191	FRONT CABINET ASSY
40	313815756301	BACK COVER ASSY
450	313815636691	CARTON
1072	313922889471	PRODUCT ASSY RC25106/00 PACKED
1072	313922860531	PRODUCT ASSY RC25112/01 PACKED
31	313815135441	FRONT CABINET - AI
32	313815412291	FRONT CORNER-LENS
33	313815412281	FRONT CORNER-RT
41	313815135461	BACK COVER
291	313815562291	LABEL-PC
292	313815562291	LABEL-PC
295	313815562301	LABEL-TV
296	313815562301	LABEL-TV
615	313811706511	HEX CODE OFF/W (NO MATL REQ)
616	313811706521	HEX CODE OFF/W (NO MATL REQ)
3746	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3746	232270296001	RST SM 0603 JUMP. MAX 0R05 R
3687	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3687	232270296001	RST SM 0603 JUMP. MAX 0R05 R
3688	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3688	232270296001	RST SM 0603 JUMP. MAX 0R05 R

Diversity of 300WN5BS/00 comparing with 300WN5QS/97		
Item	12NC	Description
506	313815636691	CARTON
1052	313815859141	MAIN PCB ASSY(BASIC)
40	313815756301	BACK COVER ASSY
450	313815636691	CARTON
1072	313922889471	PRODUCT ASSY RC25106/00 PACKED
1072	313922860531	PRODUCT ASSY RC25112/01 PACKED
41	313815135461	BACK COVER
291	313815562291	LABEL-PC
292	313815562291	LABEL-PC
295	313815562301	LABEL-TV
296	313815562301	LABEL-TV
615	313811706511	HEX CODE OFF/W (NO MATL REQ)
616	313811706521	HEX CODE OFF/W (NO MATL REQ)
3746	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3746	232270296001	RST SM 0603 JUMP. MAX 0R05 R
3687	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3687	232270296001	RST SM 0603 JUMP. MAX 0R05 R
3688	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3688	232270296001	RST SM 0603 JUMP. MAX 0R05 R

Diversity of 300WN5VB/00 comparing with 300WN5QS/97		
Item	12NC	Description
506	313815637341	CARTON
1052	313815859101	MAIN PCB ASSY(VIDEO)
1081	313815859121	TV BOX PCB ASSY (VIDEO)
30	313815756191	FRONT CABINET ASSY
40	313815756211	BACK COVER ASSY
450	313815637341	CARTON
1147	313814950881	VIDEO IN/OUT (VIDEO-30)
1072	313922889471	PRODUCT ASSY RC25106/00 PACKED
1072	313922860531	PRODUCT ASSY RC25112/01 PACKED
31	313815135441	FRONT CABINET - AI
32	313815412291	FRONT CORNER-LENS
33	313815412281	FRONT CORNER-RT
41	313815135451	BACK COVER
291	313815562671	LABEL-PC
292	313815562671	LABEL-PC
295	313815562681	LABEL-TV
296	313815562681	LABEL-TV
615	313811706491	HEX CODE OFF/W (NO MATL REQ)
616	313811706501	HEX CODE OFF/W (NO MATL REQ)

3303	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3303	232270296001	RST SM 0603 JUMP. MAX 0R05 R
2601	223878615649	CER2 0603 X7R 16V 100N PM10 R
2602	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2603	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2604	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2605	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2606	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2607	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2608	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2608	202055296507	CER2 1206 Y5V 10V 10U P8020 R
2611	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2611	202055296507	CER2 1206 Y5V 10V 10U P8020 R
2612	223878615649	CER2 0603 X7R 16V 100N PM10 R
2613	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2614	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2615	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2616	223824619863	CER2 0603 Y5V 10V 1U P8020 R
3601	212211805669	RST SM 0603 RC0603 10K PM5 R
3601	232270260103	RST SM 0603 RC21 10K PM5 R
3602	212211805678	RST SM 0603 RC0603 47K PM5 R
3602	232270260473	RST SM 0603 RC21 47K PM5 R
3603	212211805678	RST SM 0603 RC0603 47K PM5 R
3603	232270260473	RST SM 0603 RC21 47K PM5 R
3604	212211805678	RST SM 0603 RC0603 47K PM5 R
3604	232270260473	RST SM 0603 RC21 47K PM5 R
3605	212211805678	RST SM 0603 RC0603 47K PM5 R
3605	232270260473	RST SM 0603 RC21 47K PM5 R
3606	212211805678	RST SM 0603 RC0603 47K PM5 R
3606	232270260473	RST SM 0603 RC21 47K PM5 R
3607	212211805678	RST SM 0603 RC0603 47K PM5 R
3607	232270260473	RST SM 0603 RC21 47K PM5 R
3609	212211805669	RST SM 0603 RC0603 10K PM5 R
3609	232270260103	RST SM 0603 RC21 10K PM5 R
3611	212211805669	RST SM 0603 RC0603 10K PM5 R
3611	232270260103	RST SM 0603 RC21 10K PM5 R
3612	212211805669	RST SM 0603 RC0603 10K PM5 R
3612	232270260103	RST SM 0603 RC21 10K PM5 R
3613	212211805678	RST SM 0603 RC0603 47K PM5 R
3613	232270260473	RST SM 0603 RC21 47K PM5 R
3614	212211805678	RST SM 0603 RC0603 47K PM5 R
3614	232270260473	RST SM 0603 RC21 47K PM5 R
3615	212211805678	RST SM 0603 RC0603 47K PM5 R
3615	232270260473	RST SM 0603 RC21 47K PM5 R
3616	212211805678	RST SM 0603 RC0603 47K PM5 R
3616	232270260473	RST SM 0603 RC21 47K PM5 R
3653	232270260189	RST SM 0603 RC21 18R PM5 R
3654	232270260569	RST SM 0603 RC21 56R PM5 R
7601	932220012668	IC SM TC74LVX4053FT (TOSJ) R
7602	932220012668	IC SM TC74LVX4053FT (TOSJ) R

Diversity of 300WN5VS/00 comparing with 300WN5QS/97		
Item	12NC	Description
506	313815637341	CARTON
1052	313815859101	MAIN PCB ASSY(VIDEO)
1081	313815859121	TV BOX PCB ASSY (VIDEO)
40	313815756211	BACK COVER ASSY
450	313815637341	CARTON
1147	313814950881	VIDEO IN/OUT (VIDEO-30)
1072	313922889471	PRODUCT ASSY RC25106/00 PACKED
1072	313922860531	PRODUCT ASSY RC25112/01 PACKED
41	313815135451	BACK COVER
291	313815562671	LABEL-PC
292	313815562671	LABEL-PC
295	313815562681	LABEL-TV
296	313815562681	LABEL-TV
615	313811706491	HEX CODE OFF/W (NO MATL REQ)
616	313811706501	HEX CODE OFF/W (NO MATL REQ)

3303	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3303	232270296001	RST SM 0603 JUMP. MAX 0R05 R
2601	223878615649	CER2 0603 X7R 16V 100N PM10 R
2602	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2603	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2604	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2605	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2606	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2607	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2608	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2608	202055296507	CER2 1206 Y5V 10V 10U P8020 R
2611	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2611	202055296507	CER2 1206 Y5V 10V 10U P8020 R
2612	223878615649	CER2 0603 X7R 16V 100N PM10 R
2613	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2614	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2615	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2616	223824619863	CER2 0603 Y5V 10V 1U P8020 R
3601	212211805669	RST SM 0603 RC0603 10K PM5 R
3601	232270260103	RST SM 0603 RC21 10K PM5 R
3602	212211805678	RST SM 0603 RC0603 47K PM5 R
3602	232270260473	RST SM 0603 RC21 47K PM5 R
3603	212211805678	RST SM 0603 RC0603 47K PM5 R
3603	232270260473	RST SM 0603 RC21 47K PM5 R
3604	212211805678	RST SM 0603 RC0603 47K PM5 R
3604	232270260473	RST SM 0603 RC21 47K PM5 R
3605	212211805678	RST SM 0603 RC0603 47K PM5 R
3605	232270260473	RST SM 0603 RC21 47K PM5 R
3606	212211805678	RST SM 0603 RC0603 47K PM5 R
3606	232270260473	RST SM 0603 RC21 47K PM5 R
3607	212211805678	RST SM 0603 RC0603 47K PM5 R
3607	232270260473	RST SM 0603 RC21 47K PM5 R
3609	212211805669	RST SM 0603 RC0603 10K PM5 R
3609	232270260103	RST SM 0603 RC21 10K PM5 R
3611	212211805669	RST SM 0603 RC0603 10K PM5 R
3611	232270260103	RST SM 0603 RC21 10K PM5 R
3612	212211805669	RST SM 0603 RC0603 10K PM5 R
3612	232270260103	RST SM 0603 RC21 10K PM5 R
3613	212211805678	RST SM 0603 RC0603 47K PM5 R
3613	232270260473	RST SM 0603 RC21 47K PM5 R
3614	212211805678	RST SM 0603 RC0603 47K PM5 R
3614	232270260473	RST SM 0603 RC21 47K PM5 R
3615	212211805678	RST SM 0603 RC0603 47K PM5 R
3615	232270260473	RST SM 0603 RC21 47K PM5 R
3616	212211805678	RST SM 0603 RC0603 47K PM5 R
3616	232270260473	RST SM 0603 RC21 47K PM5 R
3653	232270260189	RST SM 0603 RC21 18R PM5 R
3654	232270260569	RST SM 0603 RC21 56R PM5 R
7601	932220012668	IC SM TC74LVX4053FT (TOSJ) R
7602	932220012668	IC SM TC74LVX4053FT (TOSJ) R

Diversity of 300WN5QS/00 comparing with 300WN5QS/97		
Item	12NC	Description
1052	313815855231	MAIN PCB ASSY(WE-30)
1081	313815855251	TV BOX ASSY (WE-30)
40	313815756201	BACK COVER ASSY
41	313815134741	BACK COVER
291	313815562341	LABEL-PC
292	313815562341	LABEL-PC
295	313815562351	LABEL-TV
296	313815562351	LABEL-TV
615	313811706471	HEX CODE OF F/W (NO MATL REQ)
616	313811706481	HEX CODE OFF/W (NO MATL REQ)
3303	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3303	232270296001	RST SM 0603 JUMP. MAX 0R05 R
1501	313914718291	TUN IF V+U PLL IEC BGLIDK B
1531	313818876611	SOC EURO H 21P F SHE L-GRND Y
2531	223886715331	CER1 0603 NP0 50V 330P PM5 R

2532	223886715331	CER1 0603 NP0 50V 330P PM5 R
2533	223886715229	CER1 0603 NP0 50V 22P PM5 R
2534	223886715229	CER1 0603 NP0 50V 22P PM5 R
2535	223886715229	CER1 0603 NP0 50V 22P PM5 R
2536	223886715229	CER1 0603 NP0 50V 22P PM5 R
2541	223886715331	CER1 0603 NP0 50V 330P PM5 R
2542	223886715331	CER1 0603 NP0 50V 330P PM5 R
2543	223886715331	CER1 0603 NP0 50V 330P PM5 R
2544	223886715331	CER1 0603 NP0 50V 330P PM5 R
2545	223886715331	CER1 0603 NP0 50V 330P PM5 R
2546	223886715229	CER1 0603 NP0 50V 22P PM5 R
2547	223886715229	CER1 0603 NP0 50V 22P PM5 R
2551	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2551	202055296507	CER2 1206 Y5V 10V 10U P8020 R
3531	212211805645	RST SM 0603 RC0603 150R PM5 R
3531	232270260151	RST SM 0603 RC21 150R PM5 R
3532	212211805685	RST SM 0603 RC0603 220K PM5 R
3532	232270260224	RST SM 0603 RC21 220K PM5 R
3533	212211805645	RST SM 0603 RC0603 150R PM5 R
3533	232270260151	RST SM 0603 RC21 150R PM5 R
3534	212211805685	RST SM 0603 RC0603 220K PM5 R
3534	232270260224	RST SM 0603 RC21 220K PM5 R
3535	232270260189	RST SM 0603 RC21 18R PM5 R
3536	232270260569	RST SM 0603 RC21 56R PM5 R
3537	232270260189	RST SM 0603 RC21 18R PM5 R
3538	232270260569	RST SM 0603 RC21 56R PM5 R
3541	232270260189	RST SM 0603 RC21 18R PM5 R
3542	232270260569	RST SM 0603 RC21 56R PM5 R
3543	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3543	232270260472	RST SM 0603 RC21 4K7 PM5 R
3544	212211805635	RST SM 0603 RC0603 10R PM5 R
3544	232270260109	RST SM 0603 RC21 10R PM5 R
3545	212211805643	RST SM 0603 RC0603 100R PM5 R
3545	232270260101	RST SM 0603 RC21 100R PM5 R
3546	212211805639	RST SM 0603 RC0603 47R PM5 R
3546	232270260479	RST SM 0603 RC21 47R PM5 R
3547	212211805665	RST SM 0603 RC0603 4K7 PM5 R
3547	232270260472	RST SM 0603 RC21 4K7 PM5 R
3548	232270461002	RST SM 0603 RC22H 1K PM1 R
3548	212211805965	RST SM 0603 RC0603 1K PM1 R
3551	232270461002	RST SM 0603 RC22H 1K PM1 R
3551	212211805965	RST SM 0603 RC0603 1K PM1 R
3552	232270461002	RST SM 0603 RC22H 1K PM1 R
3552	212211805965	RST SM 0603 RC0603 1K PM1 R
3553	232270461002	RST SM 0603 RC22H 1K PM1 R
3553	212211805965	RST SM 0603 RC0603 1K PM1 R
3554	212211805675	RST SM 0603 RC0603 27K PM5 R
3554	232270260273	RST SM 0603 RC21 27K PM5 R
3555	212211805675	RST SM 0603 RC0603 27K PM5 R
3555	232270260273	RST SM 0603 RC21 27K PM5 R
3556	212211805667	RST SM 0603 RC0603 6K8 PM5 R
3556	232270260682	RST SM 0603 RC21 6K8 PM5 R
3557	232270461002	RST SM 0603 RC22H 1K PM1 R
3557	212211805965	RST SM 0603 RC0603 1K PM1 R
3558	232270461002	RST SM 0603 RC22H 1K PM1 R
3558	212211805965	RST SM 0603 RC0603 1K PM1 R
3559	232270260189	RST SM 0603 RC21 18R PM5 R
3561	232270260569	RST SM 0603 RC21 56R PM5 R
5531	242253595853	IND FXD SM 0603 0U10 PM10 R
5532	242253595853	IND FXD SM 0603 0U10 PM10 R
5533	242253595853	IND FXD SM 0603 0U10 PM10 R
5534	242253595853	IND FXD SM 0603 0U10 PM10 R
5535	242253595853	IND FXD SM 0603 0U10 PM10 R
6531	932209863685	DIO SIG SM BAV99 (VISH) R
6531	932205042685	DIO SIG SM BAV99L (ONSE) R
6531	933215370215	DIO SIG SM BAV99 (PHSE) R
6532	932209863685	DIO SIG SM BAV99 (VISH) R

6532	932205042685	DIO SIG SM BAV99L (ONSE) R
6532	933215370215	DIO SIG SM BAV99 (PHSE) R
6533	932209863685	DIO SIG SM BAV99 (VISH) R
6533	932205042685	DIO SIG SM BAV99L (ONSE) R
6533	933215370215	DIO SIG SM BAV99 (PHSE) R
6534	932209863685	DIO SIG SM BAV99 (VISH) R
6534	932205042685	DIO SIG SM BAV99L (ONSE) R
6534	933215370215	DIO SIG SM BAV99 (PHSE) R
6536	933913910115	DIO SIG SM BAS32L (PHSE) R
6536	932205976685	DIO SIG SM LS4148 (VISH) R
6536	933952510685	DIO SIG SM LL4148 (VISH) R
6537	933137380215	DIO REG SM BZX84-C4V7 (PHSE) R
6537	932214637685	DIO REG SM BZX84-C4V7 (VISH) R
7531	932217438685	TRA SIG SM BC847C (KEC0) R
7531	933589600215	TRA SIG SM BC847C (PHSE) R
7531	933967270685	TRA SIG SM BC847C (ONSE) R
7531	933967310685	TRA SIG SM BC848C (ONSE) R
2601	223878615649	CER2 0603 X7R 16V 100N PM10 R
2602	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2603	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2604	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2605	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2606	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2607	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2608	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2608	202055296507	CER2 1206 Y5V 10V 10U P8020 R
2611	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2611	202055296507	CER2 1206 Y5V 10V 10U P8020 R
2612	223878615649	CER2 0603 X7R 16V 100N PM10 R
2613	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2614	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2615	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2616	223824619863	CER2 0603 Y5V 10V 1U P8020 R
3601	212211805669	RST SM 0603 RC0603 10K PM5 R
3601	232270260103	RST SM 0603 RC21 10K PM5 R
3602	212211805678	RST SM 0603 RC0603 47K PM5 R
3602	232270260473	RST SM 0603 RC21 47K PM5 R
3603	212211805678	RST SM 0603 RC0603 47K PM5 R
3603	232270260473	RST SM 0603 RC21 47K PM5 R
3604	212211805678	RST SM 0603 RC0603 47K PM5 R
3604	232270260473	RST SM 0603 RC21 47K PM5 R
3605	212211805678	RST SM 0603 RC0603 47K PM5 R
3605	232270260473	RST SM 0603 RC21 47K PM5 R
3606	212211805678	RST SM 0603 RC0603 47K PM5 R
3606	232270260473	RST SM 0603 RC21 47K PM5 R
3607	212211805678	RST SM 0603 RC0603 47K PM5 R
3607	232270260473	RST SM 0603 RC21 47K PM5 R
3609	212211805669	RST SM 0603 RC0603 10K PM5 R
3609	232270260103	RST SM 0603 RC21 10K PM5 R
3611	212211805669	RST SM 0603 RC0603 10K PM5 R
3611	232270260103	RST SM 0603 RC21 10K PM5 R
3612	212211805669	RST SM 0603 RC0603 10K PM5 R
3612	232270260103	RST SM 0603 RC21 10K PM5 R
3613	212211805678	RST SM 0603 RC0603 47K PM5 R
3613	232270260473	RST SM 0603 RC21 47K PM5 R
3614	212211805678	RST SM 0603 RC0603 47K PM5 R
3614	232270260473	RST SM 0603 RC21 47K PM5 R
3615	212211805678	RST SM 0603 RC0603 47K PM5 R
3615	232270260473	RST SM 0603 RC21 47K PM5 R
3616	212211805678	RST SM 0603 RC0603 47K PM5 R
3616	232270260473	RST SM 0603 RC21 47K PM5 R
7601	932220012668	IC SM TC74LVX4053FT (TOSJ) R
7602	932220012668	IC SM TC74LVX4053FT (TOSJ) R

Diversity of 300WN5DB/00 comparing with 300WN5QS/97		
Item	12NC	Description
506	313815636691	CARTON
1052	313815859141	MAIN PCB ASSY(BASIC)

30	313815756321	FRONT CABINET ASSY
40	313815756311	BACK COVER ASSY
601	313811706761	E-D.F.U. ASSY
90	313815134771	METAL FRAME-PC
450	313815636691	CARTON
1072	313922889471	PRODUCT ASSY RC25106/00 PACKED
1072	313922860531	PRODUCT ASSY RC25112/01 PACKED
31	313815135441	FRONT CABINET - AI
32	313815412291	FRONT CORNER-LENS
33	313815412281	FRONT CORNER-RT
37	313815410851	PROTECTIVE COVER
41	313815135471	BACK COVER
291	313815562291	LABEL-PC
292	313815562291	LABEL-PC
295	313815562301	LABEL-TV
296	313815562301	LABEL-TV
615	313811706511	HEX CODE OFF/W (NO MATL REQ)
616	313811706521	HEX CODE OFF/W (NO MATL REQ)
3746	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3746	232270296001	RST SM 0603 JUMP. MAX 0R05 R
3687	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3687	232270296001	RST SM 0603 JUMP. MAX 0R05 R
3688	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3688	232270296001	RST SM 0603 JUMP. MAX 0R05 R

Diversity of 300WN5QS/93 comparing with 300WN5QS/97		
Item	12NC	Description
1052	313815859071	MAIN PCB ASSY(CHINA) 30
1081	313815859091	TV BOX PCB ASSY (CHINA) 30
1060	313818871651	MAINSCORD CCEE 10A 1M8 DET BK
1072	313922889471	PRODUCT ASSY RC25106/00 PACKED
1072	313922889481	PRODUCT ASSY RC25107/00 PACKED
1072	313922860531	PRODUCT ASSY RC25112/01 PACKED
291	313815563461	LABEL-PC
292	313815563461	LABEL-PC
295	313815563471	LABEL-TV
296	313815563471	LABEL-TV
615	313811707051	HEX CODE OF F/W
616	313811707061	HEX CODE OF F/W
3746	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3746	232270296001	RST SM 0603 JUMP. MAX 0R05 R
1501	313914720131	FRONTEND FQ1256/I H-3

Diversity of 300WN5DB/27 comparing with 300WN5QS/97		
Item	12NC	Description
506	313815636691	CARTON
1052	313815859141	MAIN PCB ASSY(BASIC)
30	313815756321	FRONT CABINET ASSY
40	313815756311	BACK COVER ASSY
601	313811706761	E-D.F.U. ASSY
90	313815134771	METAL FRAME-PC
450	313815636691	CARTON
1060	313812874901	MAINSCORD
1060	313818870491	MAINSCORD UL 10A 1M8 DET BK
1072	313922889471	PRODUCT ASSY RC25106/00 PACKED
1072	313922860531	PRODUCT ASSY RC25112/01 PACKED
31	313815135441	FRONT CABINET - AI
32	313815412291	FRONT CORNER-LENS
33	313815412281	FRONT CORNER-RT
37	313815410851	PROTECTIVE COVER
41	313815135471	BACK COVER
291	313815562291	LABEL-PC
292	313815562291	LABEL-PC
295	313815562301	LABEL-TV
296	313815562301	LABEL-TV
615	313811706511	HEX CODE OFF/W (NO MATL REQ)
616	313811706521	HEX CODE OFF/W (NO MATL REQ)
3746	212211805631	RST SM 0603 JUMP. MAX 0R05 R

3746	232270296001	RST SM 0603 JUMP. MAX 0R05 R
3687	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3687	232270296001	RST SM 0603 JUMP. MAX 0R05 R
3688	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3688	232270296001	RST SM 0603 JUMP. MAX 0R05 R

Diversity of 300WN5VB/27 comparing with 300WN5QS/97		
Item	12NC	Description
506	313815637341	CARTON
1052	313815859101	MAIN PCB ASSY(VIDEO)
1081	313815859121	TV BOX PCB ASSY (VIDEO)
30	313815756191	FRONT CABINET ASSY
40	313815756211	BACK COVER ASSY
450	313815637341	CARTON
1147	313814950881	VIDEO IN/OUT (VIDEO-30)
1060	313812874901	MAINSCORD
1060	313818870491	MAINSCORD UL 10A 1M8 DET BK
1072	313922889471	PRODUCT ASSY RC25106/00 PACKED
1072	313922860531	PRODUCT ASSY RC25112/01 PACKED
31	313815135441	FRONT CABINET - AI
32	313815412291	FRONT CORNER-LENS
33	313815412281	FRONT CORNER-RT
41	313815135451	BACK COVER
291	313815562671	LABEL-PC
292	313815562671	LABEL-PC
295	313815562681	LABEL-TV
296	313815562681	LABEL-TV
615	313811706491	HEX CODE OFF/W (NO MATL REQ)
616	313811706501	HEX CODE OFF/W (NO MATL REQ)
3303	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3303	232270296001	RST SM 0603 JUMP. MAX 0R05 R
2601	223878615649	CER2 0603 X7R 16V 100N PM10 R
2602	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2603	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2604	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2605	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2606	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2607	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2608	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2608	202055296507	CER2 1206 Y5V 10V 10U P8020 R
2611	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2611	202055296507	CER2 1206 Y5V 10V 10U P8020 R
2612	223878615649	CER2 0603 X7R 16V 100N PM10 R
2613	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2614	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2615	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2616	223824619863	CER2 0603 Y5V 10V 1U P8020 R
3601	212211805669	RST SM 0603 RC0603 10K PM5 R
3601	232270260103	RST SM 0603 RC21 10K PM5 R
3602	212211805678	RST SM 0603 RC0603 47K PM5 R
3602	232270260473	RST SM 0603 RC21 47K PM5 R
3603	212211805678	RST SM 0603 RC0603 47K PM5 R
3603	232270260473	RST SM 0603 RC21 47K PM5 R
3604	212211805678	RST SM 0603 RC0603 47K PM5 R
3604	232270260473	RST SM 0603 RC21 47K PM5 R
3605	212211805678	RST SM 0603 RC0603 47K PM5 R
3605	232270260473	RST SM 0603 RC21 47K PM5 R
3606	212211805678	RST SM 0603 RC0603 47K PM5 R
3606	232270260473	RST SM 0603 RC21 47K PM5 R
3607	212211805678	RST SM 0603 RC0603 47K PM5 R
3607	232270260473	RST SM 0603 RC21 47K PM5 R
3609	212211805669	RST SM 0603 RC0603 10K PM5 R
3609	232270260103	RST SM 0603 RC21 10K PM5 R
3611	212211805669	RST SM 0603 RC0603 10K PM5 R
3611	232270260103	RST SM 0603 RC21 10K PM5 R
3612	212211805669	RST SM 0603 RC0603 10K PM5 R
3612	232270260103	RST SM 0603 RC21 10K PM5 R
3613	212211805678	RST SM 0603 RC0603 47K PM5 R
3613	232270260473	RST SM 0603 RC21 47K PM5 R
3614	212211805678	RST SM 0603 RC0603 47K PM5 R
3614	232270260473	RST SM 0603 RC21 47K PM5 R
3615	212211805678	RST SM 0603 RC0603 47K PM5 R
3615	232270260473	RST SM 0603 RC21 47K PM5 R
3616	212211805678	RST SM 0603 RC0603 47K PM5 R
3616	232270260473	RST SM 0603 RC21 47K PM5 R
3653	232270260189	RST SM 0603 RC21 18R PM5 R
3654	232270260569	RST SM 0603 RC21 56R PM5 R
7601	932220012668	IC SM TC74LVX4053FT (TOSJ) R
7602	932220012668	IC SM TC74LVX4053FT (TOSJ) R

Diversity of 300WN5BB/93 comparing with 300WN5QS/97		
Item	12NC	Description
506	313815636691	CARTON
1052	313815859141	MAIN PCB ASSY(BASIC)
30	313815756191	FRONT CABINET ASSY
40	313815756301	BACK COVER ASSY
450	313815636691	CARTON
1060	313818871651	MAINSCORD CCEE 10A 1M8 DET BK
1072	313922889471	PRODUCT ASSY RC25106/00 PACKED
1072	313922860531	PRODUCT ASSY RC25112/01 PACKED
31	313815135441	FRONT CABINET - AI
32	313815412291	FRONT CORNER-LENS
33	313815412281	FRONT CORNER-RT
41	313815135461	BACK COVER
291	313815562291	LABEL-PC
292	313815562291	LABEL-PC
295	313815562301	LABEL-TV
296	313815562301	LABEL-TV
615	313811706511	HEX CODE OFF/W (NO MATL REQ)
616	313811706521	HEX CODE OFF/W (NO MATL REQ)
3746	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3746	232270296001	RST SM 0603 JUMP. MAX 0R05 R
3687	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3687	232270296001	RST SM 0603 JUMP. MAX 0R05 R
3688	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3688	232270296001	RST SM 0603 JUMP. MAX 0R05 R

Diversity of 300WN5BS/93 comparing with 300WN5QS/97		
Item	12NC	Description
506	313815636691	CARTON
1052	313815859141	MAIN PCB ASSY(BASIC)
40	313815756301	BACK COVER ASSY
450	313815636691	CARTON
1060	313818871651	MAINSCORD CCEE 10A 1M8 DET BK
1072	313922889471	PRODUCT ASSY RC25106/00 PACKED
1072	313922860531	PRODUCT ASSY RC25112/01 PACKED
41	313815135461	BACK COVER
291	313815562291	LABEL-PC
292	313815562291	LABEL-PC
295	313815562301	LABEL-TV
296	313815562301	LABEL-TV
615	313811706511	HEX CODE OFF/W (NO MATL REQ)
616	313811706521	HEX CODE OFF/W (NO MATL REQ)
3746	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3746	232270296001	RST SM 0603 JUMP. MAX 0R05 R
3687	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3687	232270296001	RST SM 0603 JUMP. MAX 0R05 R
3688	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3688	232270296001	RST SM 0603 JUMP. MAX 0R05 R

Diversity of 300WN5DB/93 comparing with 300WN5QS/97		
Item	12NC	Description
506	313815636691	CARTON
1052	313815859141	MAIN PCB ASSY(BASIC)
30	313815756321	FRONT CABINET ASSY
40	313815756311	BACK COVER ASSY

Different Parts List

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601	313811706761	E-D.F.U. ASSY
90	313815134771	METAL FRAME-PC
450	313815636691	CARTON
1060	313818871651	MAINSCORD CCEE 10A 1M8 DET BK
1072	313922889471	PRODUCT ASSY RC25106/00 PACKED
1072	313922860531	PRODUCT ASSY RC25112/01 PACKED
31	313815135441	FRONT CABINET - AI
32	313815412291	FRONT CORNER-LENS
33	313815412281	FRONT CORNER-RT
37	313815410851	PROTECTIVE COVER
41	313815135471	BACK COVER
291	313815562291	LABEL-PC
292	313815562291	LABEL-PC
295	313815562301	LABEL-TV
296	313815562301	LABEL-TV
615	313811706511	HEX CODE OFF/W (NO MATL REQ)
616	313811706521	HEX CODE OFF/W (NO MATL REQ)
3746	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3746	232270296001	RST SM 0603 JUMP. MAX 0R05 R
3687	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3687	232270296001	RST SM 0603 JUMP. MAX 0R05 R
3688	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3688	232270296001	RST SM 0603 JUMP. MAX 0R05 R

Diversity of 300WN5VB/93 comparing with 300WN5QS/97		
Item	12NC	Description
506	313815637341	CARTON
1052	313815859101	MAIN PCB ASSY(VIDEO)
1081	313815859121	TV BOX PCB ASSY (VIDEO)
30	313815756191	FRONT CABINET ASSY
40	313815756211	BACK COVER ASSY
450	313815637341	CARTON
1147	313814950881	VIDEO IN/OUT (VIDEO-30)
1060	313818871651	MAINSCORD CCEE 10A 1M8 DET BK
1072	313922889471	PRODUCT ASSY RC25106/00 PACKED
1072	313922860531	PRODUCT ASSY RC25112/01 PACKED
31	313815135441	FRONT CABINET - AI
32	313815412291	FRONT CORNER-LENS
33	313815412281	FRONT CORNER-RT
41	313815135451	BACK COVER
291	313815562671	LABEL-PC
292	313815562671	LABEL-PC
295	313815562681	LABEL-TV
296	313815562681	LABEL-TV
615	313811706491	HEX CODE OFF/W (NO MATL REQ)
616	313811706501	HEX CODE OFF/W (NO MATL REQ)
3303	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3303	232270296001	RST SM 0603 JUMP. MAX 0R05 R
2601	223878615649	CER2 0603 X7R 16V 100N PM10 R
2602	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2603	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2604	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2605	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2606	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2607	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2608	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2608	202055296507	CER2 1206 Y5V 10V 10U P8020 R
2611	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2611	202055296507	CER2 1206 Y5V 10V 10U P8020 R
2612	223878615649	CER2 0603 X7R 16V 100N PM10 R
2613	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2614	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2615	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2616	223824619863	CER2 0603 Y5V 10V 1U P8020 R
3601	212211805669	RST SM 0603 RC0603 10K PM5 R
3601	232270260103	RST SM 0603 RC21 10K PM5 R
3602	212211805678	RST SM 0603 RC0603 47K PM5 R
3602	232270260473	RST SM 0603 RC21 47K PM5 R
3603	212211805678	RST SM 0603 RC0603 47K PM5 R
3603	232270260473	RST SM 0603 RC21 47K PM5 R
3604	212211805678	RST SM 0603 RC0603 47K PM5 R
3604	232270260473	RST SM 0603 RC21 47K PM5 R
3605	212211805678	RST SM 0603 RC0603 47K PM5 R
3605	232270260473	RST SM 0603 RC21 47K PM5 R
3606	212211805678	RST SM 0603 RC0603 47K PM5 R
3606	232270260473	RST SM 0603 RC21 47K PM5 R
3607	212211805678	RST SM 0603 RC0603 47K PM5 R
3607	232270260473	RST SM 0603 RC21 47K PM5 R
3609	212211805669	RST SM 0603 RC0603 10K PM5 R
3609	232270260103	RST SM 0603 RC21 10K PM5 R
3611	212211805669	RST SM 0603 RC0603 10K PM5 R
3611	232270260103	RST SM 0603 RC21 10K PM5 R
3612	212211805669	RST SM 0603 RC0603 10K PM5 R
3612	232270260103	RST SM 0603 RC21 10K PM5 R
3613	212211805678	RST SM 0603 RC0603 47K PM5 R
3613	232270260473	RST SM 0603 RC21 47K PM5 R
3614	212211805678	RST SM 0603 RC0603 47K PM5 R
3614	232270260473	RST SM 0603 RC21 47K PM5 R
3615	212211805678	RST SM 0603 RC0603 47K PM5 R
3615	232270260473	RST SM 0603 RC21 47K PM5 R
3616	212211805678	RST SM 0603 RC0603 47K PM5 R
3616	232270260473	RST SM 0603 RC21 47K PM5 R
3653	232270260189	RST SM 0603 RC21 18R PM5 R
3654	232270260569	RST SM 0603 RC21 56R PM5 R
7601	932220012668	IC SM TC74LVX4053FT (TOSJ) R
7602	932220012668	IC SM TC74LVX4053FT (TOSJ) R

Diversity of 300WN5VS/93 comparing with 300WN5QS/97		
Item	12NC	Description
506	313815637341	CARTON
1052	313815859101	MAIN PCB ASSY(VIDEO)
1081	313815859121	TV BOX PCB ASSY (VIDEO)
30	313815756191	FRONT CABINET ASSY
40	313815756211	BACK COVER ASSY
450	313815637341	CARTON
1147	313814950881	VIDEO IN/OUT (VIDEO-30)
1060	313818871651	MAINSCORD CCEE 10A 1M8 DET BK
1072	313922889471	PRODUCT ASSY RC25106/00 PACKED
1072	313922860531	PRODUCT ASSY RC25112/01 PACKED
31	313815135441	FRONT CABINET - AI
32	313815412291	FRONT CORNER-LENS
33	313815412281	FRONT CORNER-RT
41	313815135451	BACK COVER
291	313815562671	LABEL-PC
292	313815562671	LABEL-PC
295	313815562681	LABEL-TV
296	313815562681	LABEL-TV
615	313811706491	HEX CODE OFF/W (NO MATL REQ)
616	313811706501	HEX CODE OFF/W (NO MATL REQ)
3303	212211805631	RST SM 0603 JUMP. MAX 0R05 R
3303	232270296001	RST SM 0603 JUMP. MAX 0R05 R
2601	223878615649	CER2 0603 X7R 16V 100N PM10 R
2602	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2603	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2604	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2605	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2606	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2607	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2608	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2608	202055296507	CER2 1206 Y5V 10V 10U P8020 R
2611	222224119876	CER2 1206 Y5V 10V 10U P8020 R
2611	202055296507	CER2 1206 Y5V 10V 10U P8020 R
2612	223878615649	CER2 0603 X7R 16V 100N PM10 R
2613	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2614	223824619863	CER2 0603 Y5V 10V 1U P8020 R

2615	223824619863	CER2 0603 Y5V 10V 1U P8020 R
2616	223824619863	CER2 0603 Y5V 10V 1U P8020 R
3601	212211805669	RST SM 0603 RC0603 10K PM5 R
3601	232270260103	RST SM 0603 RC21 10K PM5 R
3602	212211805678	RST SM 0603 RC0603 47K PM5 R
3602	232270260473	RST SM 0603 RC21 47K PM5 R
3603	212211805678	RST SM 0603 RC0603 47K PM5 R
3603	232270260473	RST SM 0603 RC21 47K PM5 R
3604	212211805678	RST SM 0603 RC0603 47K PM5 R
3604	232270260473	RST SM 0603 RC21 47K PM5 R
3605	212211805678	RST SM 0603 RC0603 47K PM5 R
3605	232270260473	RST SM 0603 RC21 47K PM5 R
3606	212211805678	RST SM 0603 RC0603 47K PM5 R
3606	232270260473	RST SM 0603 RC21 47K PM5 R
3607	212211805678	RST SM 0603 RC0603 47K PM5 R
3607	232270260473	RST SM 0603 RC21 47K PM5 R
3609	212211805669	RST SM 0603 RC0603 10K PM5 R
3609	232270260103	RST SM 0603 RC21 10K PM5 R
3611	212211805669	RST SM 0603 RC0603 10K PM5 R
3611	232270260103	RST SM 0603 RC21 10K PM5 R
3612	212211805669	RST SM 0603 RC0603 10K PM5 R
3612	232270260103	RST SM 0603 RC21 10K PM5 R
3613	212211805678	RST SM 0603 RC0603 47K PM5 R
3613	232270260473	RST SM 0603 RC21 47K PM5 R
3614	212211805678	RST SM 0603 RC0603 47K PM5 R
3614	232270260473	RST SM 0603 RC21 47K PM5 R
3615	212211805678	RST SM 0603 RC0603 47K PM5 R
3615	232270260473	RST SM 0603 RC21 47K PM5 R
3616	212211805678	RST SM 0603 RC0603 47K PM5 R
3616	232270260473	RST SM 0603 RC21 47K PM5 R
3653	232270260189	RST SM 0603 RC21 18R PM5 R
3654	232270260569	RST SM 0603 RC21 56R PM5 R
7601	932220012668	IC SM TC74LVX4053FT (TOSJ) R
7602	932220012668	IC SM TC74LVX4053FT (TOSJ) R